

Large Filing Separator Sheet

Case Number: 17-32-EL-AIR
17-33-EL-ATA
17-34-EL-AAM

Date Filed: 3/2/2017

Section 17 of 22

Number of Pages: 226

Description of Document: Application \

BEFORE

THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of)
Duke Energy Ohio, Inc., for an) Case No. 17-32-EL-AIR
Increase in Electric Distribution Rates.)

In the Matter of the Application of)
Duke Energy Ohio, Inc., for Tariff) Case No. 17-33-EL-ATA
Approval.)

In the Matter of the Application of)
Duke Energy Ohio, Inc., for Approval) Case No. 17-34-EL-AAM
to Change Accounting Methods.)

VOLUME 8

SUPPLEMENTAL INFORMATION (C)(18) – (C)(22)

March 2, 2017

Duke Energy Ohio, Inc.
Case No. 17-32-EL-AIR, et al.
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DUKE ENERGY OHIO, INC.
Case No. 17-32-EL-AIR
Supplemental Information (C)(18)

If the utility is proposing to revise its depreciation accrual rates and if such study has not already been filed with the commission or provide to the staff, the utility shall provide the depreciation study supporting such revisions.

Response:

See Attachment.

Sponsoring Witness: John J. Spanos

DUKE ENERGY OHIO

CINCINNATI, OHIO

2016 DEPRECIATION STUDY

**CALCULATED ANNUAL DEPRECIATION ACCRUALS
RELATED TO ELECTRIC AND COMMON PLANT
AS OF SEPTEMBER 30, 2016**

Prepared by:



Gannett Fleming

*Excellence Delivered **As Promised***

DUKE ENERGY OHIO

Cincinnati, Ohio

2016 DEPRECIATION STUDY
CALCULATED ANNUAL DEPRECIATION ACCRUALS
RELATED TO ELECTRIC AND COMMON PLANT
AS OF SEPTEMBER 30, 2016

GANNETT FLEMING VALUATION AND RATE CONSULTANTS, LLC
Camp Hill, Pennsylvania



Excellence Delivered As Promised

February 16, 2017

Duke Energy Ohio
139 East Fourth Street
Cincinnati, OH 45202

Attention Mr. Rocco O. D'Ascenzo
Associate General Counsel

Ladies and Gentlemen:

Pursuant to your request, we have conducted a depreciation study related to the electric and common plant of Duke Energy Ohio as of September 30, 2016. The study results include annual depreciation rates and amounts for regulatory reporting purposes. The attached report presents a description of the methods used in the estimation of depreciation, summaries of annual and accrued depreciation, the statistical support for the life and net salvage estimates and the detailed tabulations of depreciation by year installed for each account.

Respectfully submitted,

GANNETT FLEMING VALUATION
AND RATE CONSULTANTS, LLC

A handwritten signature in black ink, reading "John J. Spanos".

JOHN J. SPANOS
Senior Vice President

JJS:mlw

061006.000

Gannett Fleming Valuation and Rate Consultants, LLC

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DUKE ENERGY OHIO

DEPRECIATION STUDY

EXECUTIVE SUMMARY

Pursuant to Duke Energy Ohio ("DEO" or "Company") request, Gannett Fleming Valuation and Rate Consultants, LLC ("Gannett Fleming") conducted a depreciation study related to the electric and common plant as of September 30, 2016. The purpose of this study was to determine the annual depreciation accrual rates and amounts for book and ratemaking purposes.

The depreciation rates are based on the straight line method using the average service life ("ASL") procedure and were applied on a whole life basis. The calculations were based on attained ages and estimated average service life, and forecasted net salvage characteristics for each depreciable group of assets.

DEO's accounting policy has not changed since the last depreciation study was prepared. However, there have been changes in depreciation rates caused by the proposed service life and net salvage estimates in this depreciation study as compared to those proposed in the previous depreciation study as of September 30, 2011.

Gannett Fleming recommends the calculated annual depreciation accrual rates set forth herein apply specifically to electric and common plant in service as of September 30, 2016 as summarized in Table 1 of the study. Supporting analysis and calculations are provided within the study.

The study results set forth an annual depreciation expense of \$95.3 million when applied to depreciable plant balances as of September 30, 2016. The results are summarized at the functional level as follows:

SUMMARY OF ORIGINAL COST, ACCRUAL RATES AND AMOUNTS

FUNCTION	ORIGINAL COST AS OF SEPTEMBER 30, 2016	PROPOSED RATE	PROPOSED EXPENSE
Depreciable Plant			
Common Plant	\$ 290,269,675.91	5.53	\$ 16,066,088
Electric Plant			
Distribution Plant	2,305,135,744.31	2.80	64,563,109
General Plant	<u>190,433,027.04</u>	7.71	<u>14,685,466</u>
Total Depreciable Plant	<u>\$2,785,838,447.26</u>	3.42	<u>\$95,314,663</u>

PART I. INTRODUCTION

DUKE ENERGY OHIO DEPRECIATION STUDY

PART I. INTRODUCTION

SCOPE

This report presents the results of the depreciation study prepared for Duke Energy Ohio (the Company) as applied to electric and common plant in service as of September 30, 2016. The study results include annual depreciation rates and amounts for regulatory reporting. The regulatory rates and amounts are based on the straight line whole life method of depreciation. The report also describes the concepts, methods and basic judgments which underlie recommended annual depreciation accrual rates and amounts related to current electric and common plant in service.

The service life and net salvage estimates resulting from the study were based on informed judgment which incorporated analyses of historical plant retirement data as recorded through September 2016; a review of Company practice and outlook as they relate to plant operation and retirement; and consideration of current practice in the electric industry, including knowledge of service life and net salvage estimates used for other electric properties.

PLAN OF REPORT

Part I, Introduction, contains statements with respect to the plan of the report, and the basis of the study. Part II, Estimation of Survivor Curves, presents descriptions of the considerations and the methods used in the service life and net salvage studies. Part III, Service Life Considerations, presents the factors and judgment utilized in the average service life analysis. Part IV, Net Salvage Considerations, presents the judgment utilized for the net salvage study. Part V, Calculation of Annual and Accrued Depreciation,

describes the procedures used in the calculation of group depreciation. Part VI, Results of Study, presents a summary by depreciable group of annual depreciation accrual rates and amounts. Part VII, Service Life Statistics presents the statistical analysis of service life estimates; Part VIII, Net Salvage Statistics sets forth the statistical indications of net salvage percents; and Part IX, Detailed Depreciation Calculations presents the detailed tabulations of annual depreciation.

BASIS OF THE STUDY

Depreciation

Depreciation, in public utility regulation, is the loss in service value not restored by current maintenance, incurred in connection with the consumption or prospective retirement of utility plant in the course of service from causes which are known to be in current operation and against which the utility is not protected by insurance. Among causes to be given consideration are wear and tear, deterioration, action of the elements, inadequacy, obsolescence, changes in the art, changes in demand, and the requirements of public authorities.

Depreciation, as used in accounting, is a method of distributing fixed capital costs, less net salvage, over a period of time by allocating annual amounts to expense. Each annual amount of such depreciation expense is part of that year's total cost of providing utility service. Normally, the period of time over which the fixed capital cost is allocated to the cost of service is equal to the period of time over which an item renders service, that is, the item's service life. The most prevalent method of allocation is to distribute an equal amount of cost to each year of service life. This method is known as the straight-line method of depreciation.

For all accounts, the annual depreciation was calculated by the straight line whole life method using the average service life procedure. The calculated annual and accrued depreciation were based on attained ages of plant in service and the estimated service

life and net salvage characteristics of each depreciable group. Amortization accounting or vintage pooling is used for most general plant accounts

Service Life and Net Salvage Estimates

The service life and net salvage estimates used in the depreciation and amortization calculations were based on informed judgment which incorporated a review of management's plans, policies and outlook, a general knowledge of the electric utility industry, and comparisons of the service life and net salvage estimates from our studies of other electric utilities. The use of survivor curves to reflect the expected dispersion of retirement provides a consistent method of estimating depreciation for utility plant. Iowa type survivor curves were used to depict the estimated survivor curves for the plant accounts not subject to amortization accounting.

The procedure for estimating service lives consisted of compiling historical data for the plant accounts or depreciable groups, analyzing this history through the use of widely accepted techniques, and forecasting the survivor characteristics for each depreciable group on the basis of interpretations of the historical data analyses and the probable future. The combination of the historical experience and estimates of future experience yielded estimated survivor curves from which the average service lives were derived.

The Company's service life estimates used in the depreciation calculation incorporated historical data compiled through September 2016 from the property records of the Company. Such data included plant additions, retirements, transfers and other activity. Generally, retirement data for the years 1956 through 2016 were used in the actuarial life table computations which were the primary statistical support of the service life estimates.

A general understanding of the function of the plant and information with respect to the reasons for past retirements and the expected future causes of retirement was obtained through discussions with operating and management personnel conducted during the course of the service life study. Information regarding plans for the future was incorporated in the interpretation and extrapolation of the statistical analyses.

The estimates of net salvage were based in part on historical data compiled for the years 1978 through 2016. Gross salvage and cost of removal as recorded to the depreciation reserve account and related to experienced retirements were used. Percentages of the cost of plant retired were calculated for each component of net salvage, on both annual and five-year moving average bases. The estimates of net salvage are expressed as percentages of the cost of plant retired.

PART II. ESTIMATION OF SURVIVOR CURVES

PART II. ESTIMATION OF SURVIVOR CURVES

The calculation of annual depreciation based on the straight line method requires the estimation of survivor curves and the selection of group depreciation procedures. The estimation of survivor curves is discussed below and the development of net salvage is discussed in later sections of this report.

SURVIVOR CURVES

The use of an average service life for a property group implies that the various units in the group have different lives. Thus, the average life may be obtained by determining the separate lives of each of the units, or by constructing a survivor curve by plotting the number of units which survive at successive ages.

The survivor curve graphically depicts the amount of property existing at each age throughout the life of an original group. From the survivor curve, the average life of the group, the remaining life expectancy, the probable life, and the frequency curve can be calculated. In Figure 1, a typical smooth survivor curve and the derived curves are illustrated. The average life is obtained by calculating the area under the survivor curve, from age zero to the maximum age, and dividing this area by the ordinate at age zero. The remaining life expectancy at any age can be calculated by obtaining the area under the curve, from the observation age to the maximum age, and dividing this area by the percent surviving at the observation age. For example, in Figure 1, the remaining life at age 30 is equal to the crosshatched area under the survivor curve divided by 29.5 percent surviving at age 30. The probable life at any age is developed by adding the age and remaining life. If the probable life of the property is calculated for each year of age, the probable life curve shown in the chart can be developed. The frequency curve presents the number of units retired in each age interval. It is derived by obtaining the differences between the amount of property surviving at the beginning and at the end of each interval.

This study has incorporated the use of Iowa curves developed from a retirement rate analysis of historical retirement history. A discussion of the concepts of survivor curves and of the development of survivor curves using the retirement rate method is presented below.

Iowa Type Curves

The range of survivor characteristics usually experienced by utility and industrial properties is encompassed by a system of generalized survivor curves known as the Iowa type curves. There are four families in the Iowa system, labeled in accordance with the location of the modes of the retirements (or the portion of the frequency curve with the highest level of retirements) in relationship to the average life and the relative height of the modes. The left moded curves, presented in Figure 2, are those in which the greatest frequency of retirement occurs to the left of, or prior to, average service life. The symmetrical moded curves, presented in Figure 3, are those in which the greatest frequency of retirement occurs at average service life. The right moded curves, presented in Figure 4, are those in which the greatest frequency occurs to the right of, or after, average service life. The origin moded curves, presented in Figure 5, are those in which the greatest frequency of retirement occurs at the origin, or immediately after age zero. The letter designation of each family of curves (L, S, R or O) represents the location of the mode of the associated frequency curve with respect to the average service life. The numbers represent the relative heights of the modes of the frequency curves within each family. A higher number designates a higher mode curve.

The Iowa curves were developed at the Iowa State College Engineering Experiment Station through an extensive process of observation and classification of the ages at which industrial property had been retired. A report of the study which resulted in the classification of property survivor characteristics into 18 type curves,

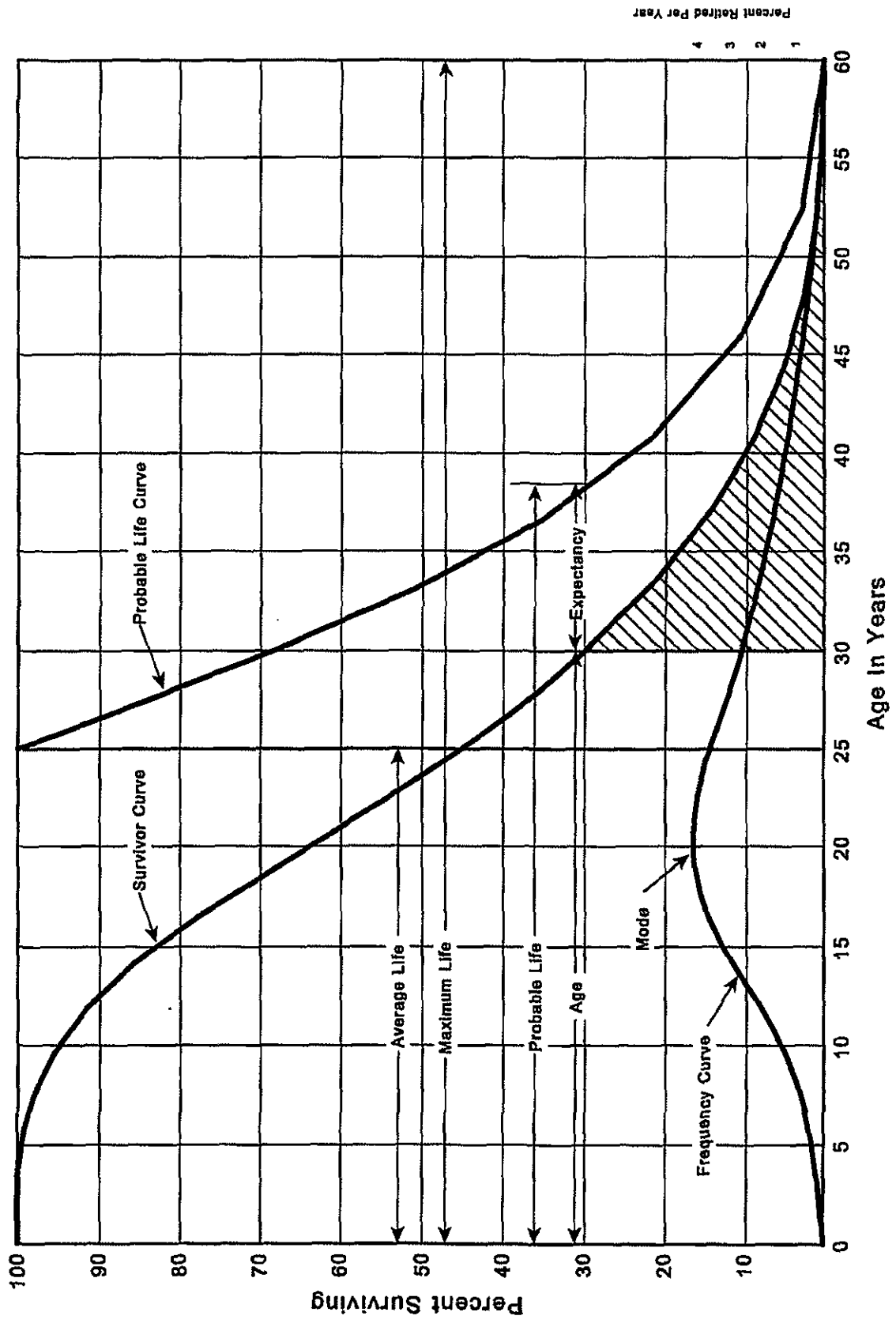


Figure 1. A Typical Survivor Curve and Derived Curves

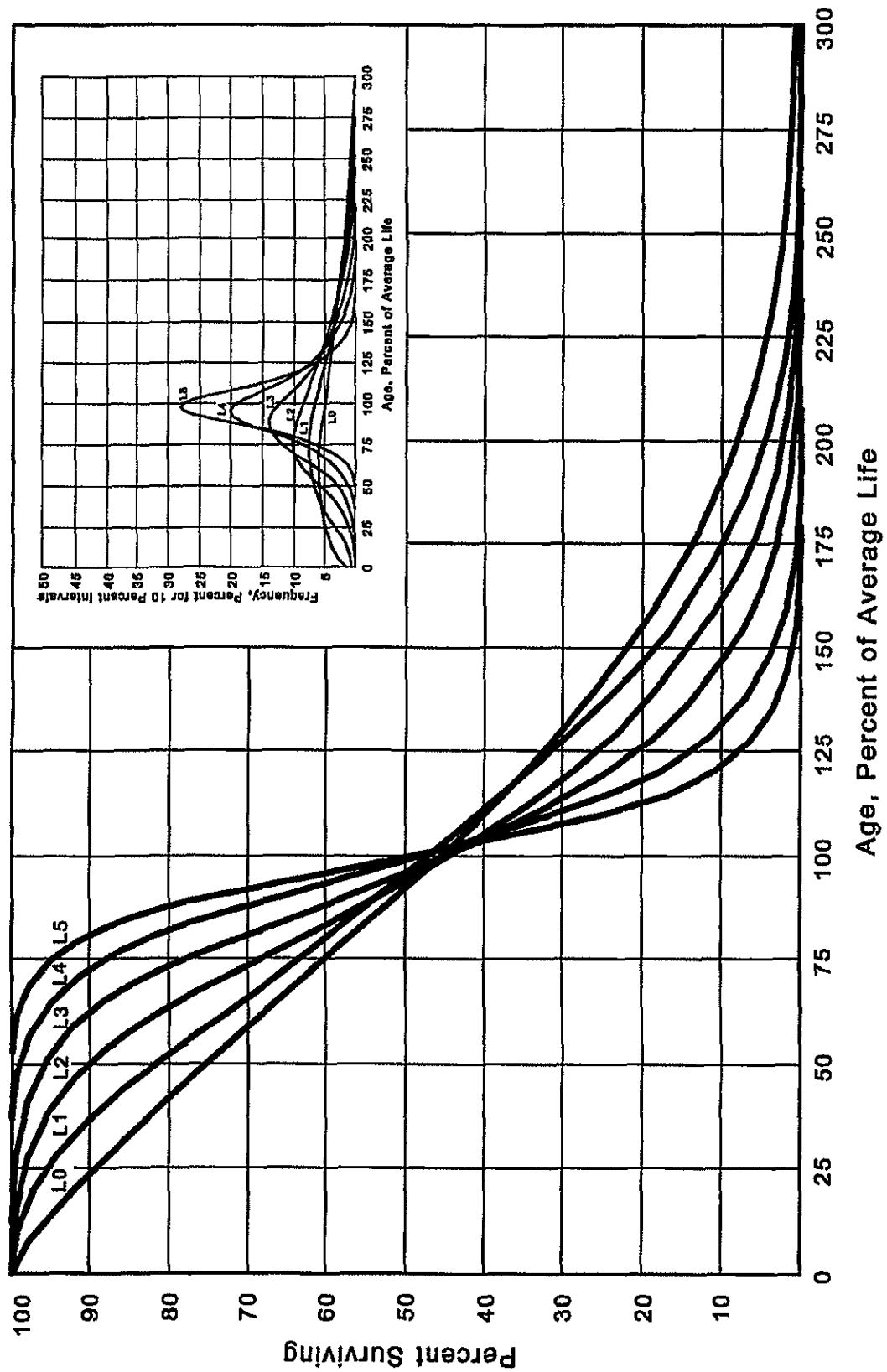


Figure 2. Left Modal or "L" Iowa Type Survivor Curves

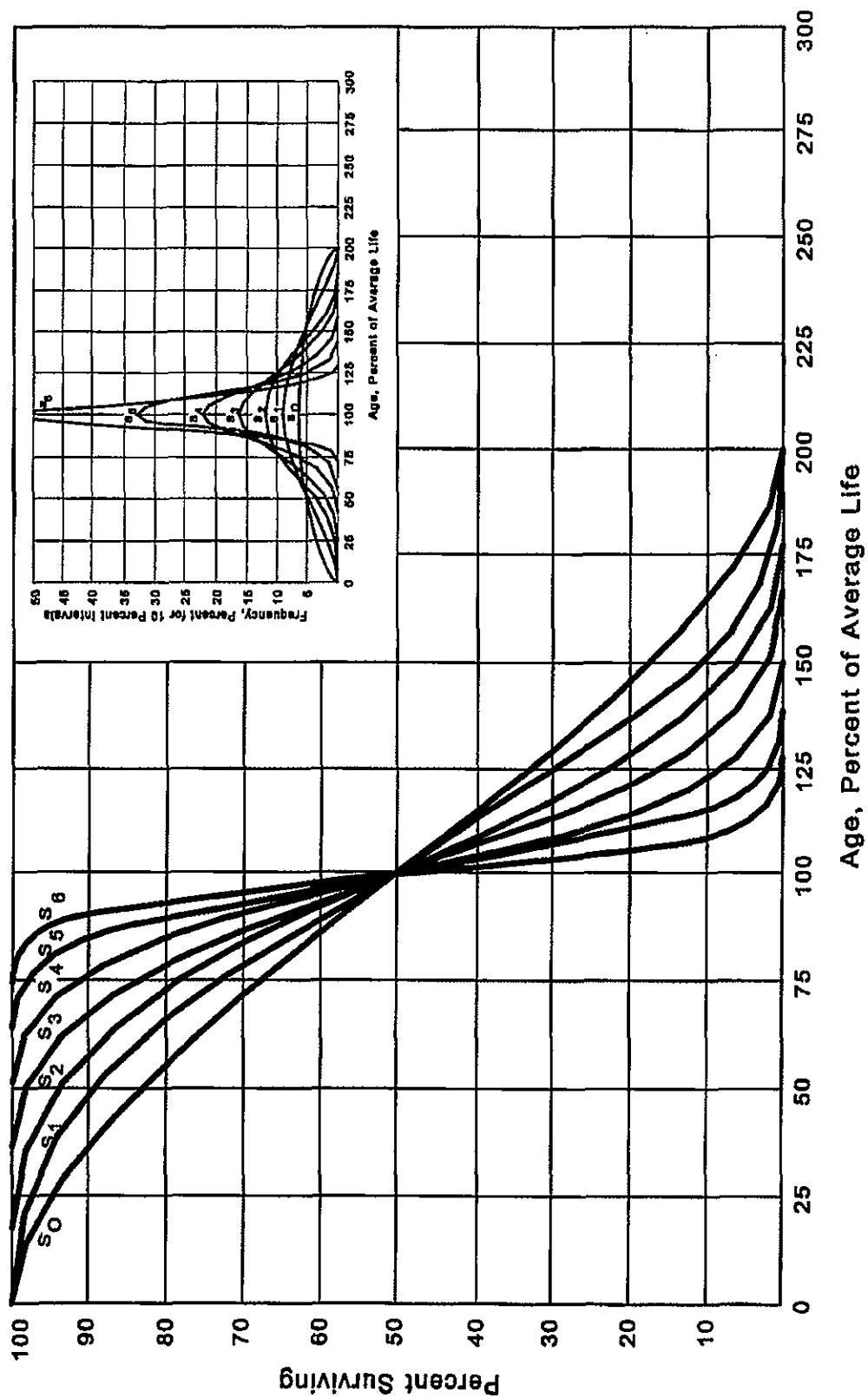


Figure 3. Symmetrical or "S" Iowa Type Survivor Curves

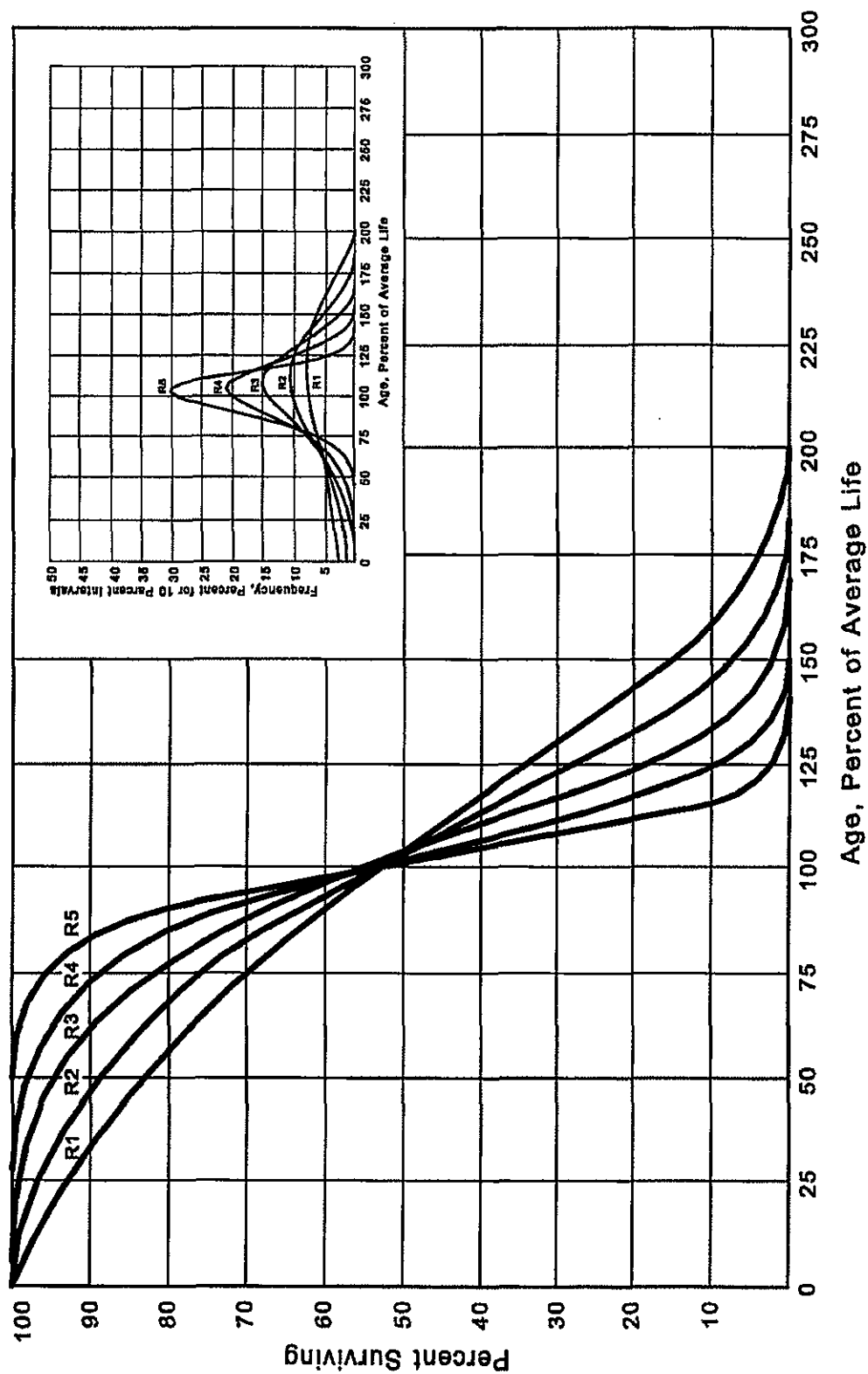


Figure 4. Right Modal or "R" Iowa Type Survivor Curves

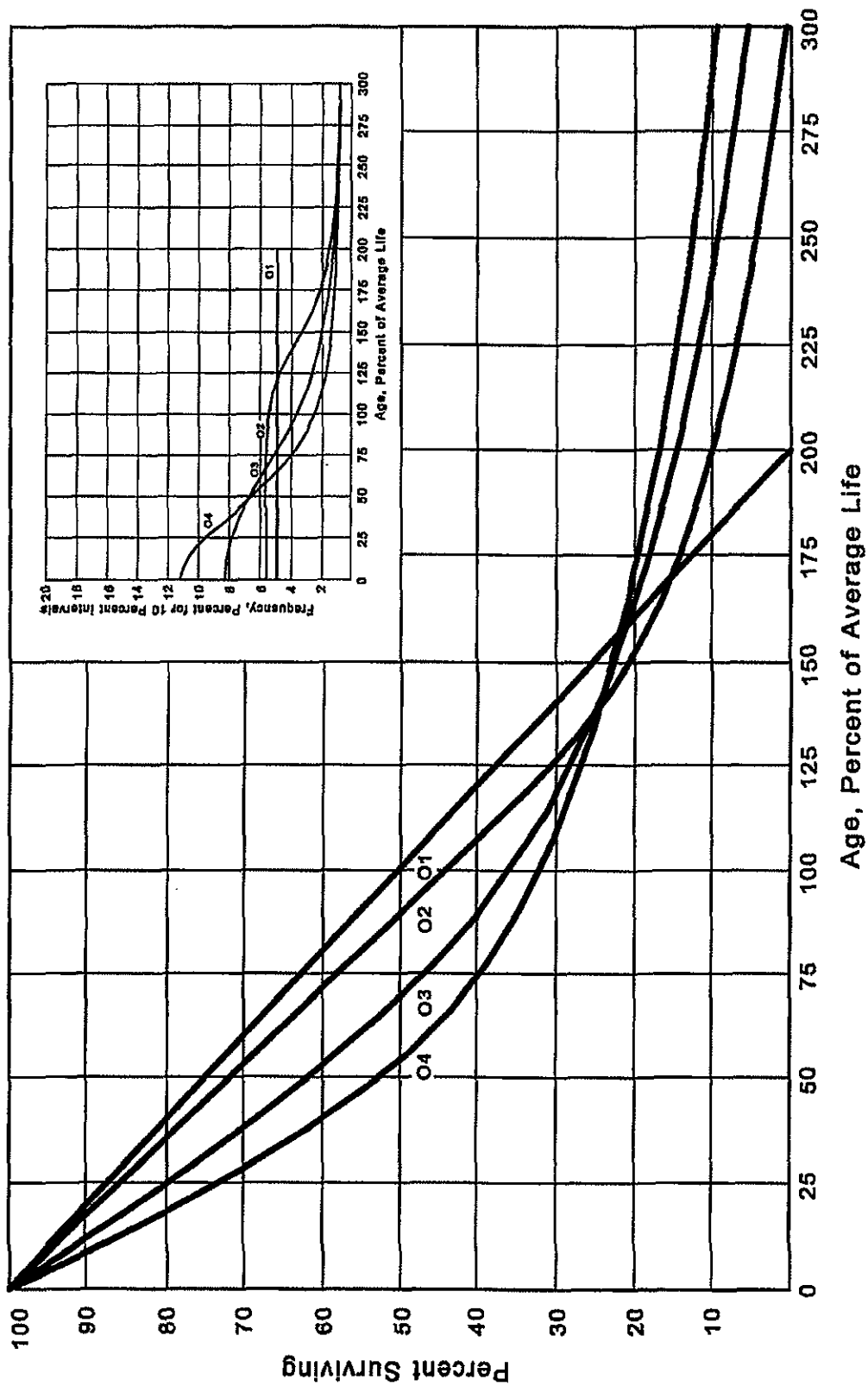


Figure 5. Origin Modal or "O" Iowa Type Survivor Curves

which constitute three of the four families, was published in 1935 in the form of the Experiment Station's Bulletin 125. These curve types have also been presented in subsequent Experiment Station bulletins and in the text, "Engineering Valuation and Depreciation."¹ In 1957, Frank V. B. Couch, Jr., an Iowa State College graduate student submitted a thesis presenting his development of the fourth family consisting of the four O type survivor curves.

Retirement Rate Method of Analysis

The retirement rate method is an actuarial method of deriving survivor curves using the average rates at which property of each age group is retired. The method relates to property groups for which aged accounting experience is available and is the method used to develop the original stub survivor curves in this study. The method (also known as the annual rate method) is illustrated through the use of an example in the following text, and is also explained in several publications, including "Statistical Analyses of Industrial Property Retirements,"² "Engineering Valuation and Depreciation,"³ and "Depreciation Systems."⁴

The average rate of retirement used in the calculation of the percent surviving for the survivor curve (life table) requires two sets of data: first, the property retired during a period of observation, identified by the property's age at retirement; and second, the property exposed to retirement at the beginning of the age intervals during the same period. The period of observation is referred to as the experience band, and the band of years which represent the installation dates of the property exposed to retirement during the experience band is referred to as the placement band. An example of the calculations used in the development of a life table follows. The example includes schedules of annual

¹Marston, Anson, Robley Winfrey and Jean C. Hempstead. Engineering Valuation and Depreciation, 2nd Edition. New York, McGraw-Hill Book Company. 1953.

²Winfrey, Robley, Statistical Analyses of Industrial Property Retirements. Iowa State College, Engineering Experiment Station, Bulletin 125. 1935.

³Marston, Anson, Robley Winfrey, and Jean C. Hempstead, Supra Note 1.

⁴Wolf, Frank K. and W. Chester Fitch, Depreciation Systems. Iowa State University Press. 1994.

aged property transactions, a schedule of plant exposed to retirement, a life table and illustrations of smoothing the stub survivor curve.

Schedules of Annual Transactions in Plant Records

A hypothetical property group is used to illustrate the retirement rate method. This property group is observed for the experience band 2006-2015 during which there were placements (or installations) during the years 2001-2015. In order to illustrate the summation of the aged data by age interval, the data were compiled in the manner presented in Schedules 1 and 2 on pages II-11 and II-12. In Schedule 1, year placed and the year of retirement are shown. The age interval during which a retirement occurred is determined from this information. In the example which follows, \$10,000 of the dollars invested in 2001 were retired in 2006. The \$10,000 retirement occurred during the age interval between 4½ and 5½ years on the basis that approximately one-half of the amount of property was installed prior to and subsequent to July 1 of each year. That is, on the average, property installed during a year is placed in service at the midpoint of the year for the purpose of the analysis. All retirements also are stated as occurring at the midpoint of a one-year age interval of time, except the first age interval which encompasses only one-half year.

The total retirements occurring in each age interval in a band are determined by summing the amounts for each transaction year-installation year combination for that age interval. For example, the total of \$143,000 retired for age interval 4½-5½ is the sum of the retirements entered on Schedule 1 immediately above the stair step line drawn on the table beginning with the 2006 retirements of 2001 installations and ending with the 2015 retirements of the 2010 installations. Thus, the total amount of 143 for age interval 4½-5½ equals the sum of:

$$10 + 12 + 13 + 11 + 13 + 13 + 15 + 17 + 19 + 20.$$

**SCHEDULE 1. RETIREMENTS FOR EACH YEAR 2006-2015
SUMMARIZED BY AGE INTERVAL**

Experience Band 2006-2015											Placement Band 2001-2015		
Year Placed (1)	Retirements, Thousands of Dollars										Total During Age Interval (12)	Age Interval (13)	
	During Year												
	<u>2006</u> (2)	<u>2007</u> (3)	<u>2008</u> (4)	<u>2009</u> (5)	<u>2010</u> (6)	<u>2011</u> (7)	<u>2012</u> (8)	<u>2013</u> (9)	<u>2014</u> (10)	<u>2015</u> (11)			
2001	10	11	12	13	14	16	23	24	25	26	26	13½-14½	
2002	11	12	13	15	16	18	20	21	22	19	44	12½-13½	
2003	11	12	13	14	16	17	19	21	22	18	64	11½-12½	
2004	8	9	10	11	11	13	14	15	16	17	83	10½-11½	
2005	9	10	11	12	13	14	16	17	19	20	93	9½-10½	
2006	4	9	10	11	12	13	14	15	16	20	105	8½-9½	
2007		5	11	12	13	14	15	16	18	20	113	7½-8½	
2008			6	12	13	15	16	17	19	19	124	6½-7½	
2009				6	13	15	16	17	19	19	131	5½-6½	
2010					7	14	16	17	19	20	143	4½-5½	
2011						8	18	20	22	23	146	3½-4½	
2012							9	20	22	25	150	2½-3½	
2013								11	23	25	151	1½-2½	
2014									11	24	153	½-1½	
2015										13	80	0-½	
Total	53	68	86	106	128	157	196	231	273	308	1,606		

**SCHEDULE 2. OTHER TRANSACTIONS FOR EACH YEAR 2006-2015
SUMMARIZED BY AGE INTERVAL**

Experience Band 2006-2015

Placement Band 2001-2015

Year Placed (1)	Acquisitions, Transfers and Sales, Thousands of Dollars											Total During Age Interval (12)	Age Interval (13)
	2006 (2)	2007 (3)	2008 (4)	2009 (5)	2010 (6)	2011 (7)	2012 (8)	2013 (9)	2014 (10)	2015 (11)			
2001	-	-	-	-	-	-	60 ^a	-	-	-	-	-	13½-14½
2002	-	-	-	-	-	-	-	-	-	-	-	-	12½-13½
2003	-	-	-	-	-	-	-	-	-	-	-	-	11½-12½
2004	-	-	-	-	-	-	-	(5) ^b	-	-	60	-	10½-11½
2005	-	-	-	-	-	-	-	6 ^a	-	-	-	-	9½-10½
2006	-	-	-	-	-	-	-	-	-	-	(5)	-	8½-9½
2007	-	-	-	-	-	-	-	-	-	-	6	-	7½-8½
2008	-	-	-	-	-	-	-	-	-	-	-	-	6½-7½
2009	-	-	-	-	-	-	-	(12) ^b	-	-	-	-	5½-6½
2010	-	-	-	-	-	-	-	-	22 ^a	-	-	-	4½-5½
2011	-	-	-	-	-	-	-	(19) ^b	-	-	10	-	3½-4½
2012	-	-	-	-	-	-	-	-	-	-	-	-	2½-3½
2013	-	-	-	-	-	-	-	-	-	(102) ^c	(121)	-	1½-2½
2014	-	-	-	-	-	-	-	-	-	-	-	-	½-1½
2015	-	-	-	-	-	-	-	-	-	-	-	-	0-½
Total	-	-	-	-	-	-	60	(30)	22	(102)	(50)		

^a Transfer Affecting Exposures at Beginning of Year

^b Transfer Affecting Exposures at End of Year

^c Sale with Continued Use

Parentheses Denote Credit Amount.

In Schedule 2, other transactions which affect the group are recorded in a similar manner. The entries illustrated include transfers and sales. The entries which are credits to the plant account are shown in parentheses. The items recorded on this schedule are not totaled with the retirements, but are used in developing the exposures at the beginning of each age interval.

Schedule of Plant Exposed to Retirement

The development of the amount of plant exposed to retirement at the beginning of each age interval is illustrated in Schedule 3 on page II-14. The surviving plant at the beginning of each year from 2006 through 2015 is recorded by year in the portion of the table headed "Annual Survivors at the Beginning of the Year." The last amount entered in each column is the amount of new plant added to the group during the year. The amounts entered in Schedule 3 for each successive year following the beginning balance or addition are obtained by adding or subtracting the net entries shown on Schedules 1 and 2. For the purpose of determining the plant exposed to retirement, transfers-in are considered as being exposed to retirement in this group at the beginning of the year in which they occurred, and the sales and transfers-out are considered to be removed from the plant exposed to retirement at the beginning of the following year. Thus, the amounts of plant shown at the beginning of each year are the amounts of plant from each placement year considered to be exposed to retirement at the beginning of each successive transaction year. For example, the exposures for the installation year 2011 are calculated in the following manner:

Exposures at age 0	= amount of addition	= \$750,000
Exposures at age ½	= \$750,000 - \$ 8,000	= \$742,000
Exposures at age 1½	= \$742,000 - \$18,000	= \$724,000
Exposures at age 2½	= \$724,000 - \$20,000 - \$19,000	= \$685,000
Exposures at age 3½	= \$685,000 - \$22,000	= \$663,000

**SCHEDULE 3. PLANT EXPOSED TO RETIREMENT
JANUARY 1 OF EACH YEAR 2006-2015
SUMMARIZED BY AGE INTERVAL**

Experience Band 2006-2015										Placement Band 2001-2015			
Year Placed	Exposures, Thousands of Dollars										Total at		
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Beginning of Age Interval	Age Interval	Age Interval
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(13)
2001	255	245	234	222	209	195	239	216	192	167	167	13 1/2-14 1/2	13 1/2-14 1/2
2002	279	268	256	243	228	212	194	174	153	131	323	12 1/2-13 1/2	12 1/2-13 1/2
2003	307	296	284	271	257	241	224	205	184	162	531	11 1/2-12 1/2	11 1/2-12 1/2
2004	338	330	321	311	300	289	276	262	242	226	823	10 1/2-11 1/2	10 1/2-11 1/2
2005	376	367	357	346	334	321	307	297	280	261	1,097	9 1/2-10 1/2	9 1/2-10 1/2
2006	420 ^a	416	407	397	386	374	361	347	332	316	1,503	8 1/2-9 1/2	8 1/2-9 1/2
2007		460 ^a	455	444	432	419	405	390	374	356	1,952	7 1/2-8 1/2	7 1/2-8 1/2
2008			510 ^a	504	492	479	464	448	431	412	2,463	6 1/2-7 1/2	6 1/2-7 1/2
2009				580 ^a	574	561	546	530	501	482	3,057	5 1/2-6 1/2	5 1/2-6 1/2
2010					660 ^a	653	639	623	628	609	3,789	4 1/2-5 1/2	4 1/2-5 1/2
2011						750 ^a	742	724	685	663	4,332	3 1/2-4 1/2	3 1/2-4 1/2
2012							850 ^a	841	821	799	4,955	2 1/2-3 1/2	2 1/2-3 1/2
2013								960 ^a	949	926	5,719	1 1/2-2 1/2	1 1/2-2 1/2
2014									1,080 ^a	1,069	6,579	1/2-1 1/2	1/2-1 1/2
2015										1,220 ^a	7,490	0-1/2	0-1/2
Total	1,975	2,382	2,824	3,318	3,872	4,494	5,247	6,017	6,852	7,799	44,780		

^aAdditions during the year

For the entire experience band 2006-2015, the total exposures at the beginning of an age interval are obtained by summing diagonally in a manner similar to the summing of the retirements during an age interval (Schedule 1). For example, the figure of 3,789, shown as the total exposures at the beginning of age interval 4½-5½, is obtained by summing:

$$255 + 268 + 284 + 311 + 334 + 374 + 405 + 448 + 501 + 609.$$

Original Life Table

The original life table, illustrated in Schedule 4 on page II-16, is developed from the totals shown on the schedules of retirements and exposures, Schedules 1 and 3, respectively. The exposures at the beginning of the age interval are obtained from the corresponding age interval of the exposure schedule, and the retirements during the age interval are obtained from the corresponding age interval of the retirement schedule. The retirement ratio is the result of dividing the retirements during the age interval by the exposures at the beginning of the age interval. The percent surviving at the beginning of each age interval is derived from survivor ratios, each of which equals one minus the retirement ratio. The percent surviving is developed by starting with 100% at age zero and successively multiplying the percent surviving at the beginning of each interval by the survivor ratio, i.e., one minus the retirement ratio for that age interval. The calculations necessary to determine the percent surviving at age 5½ are as follows:

Percent surviving at age 4½	=	88.15	
Exposures at age 4½	=	3,789,000	
Retirements from age 4½ to 5½	=	143,000	
Retirement Ratio	=	$143,000 \div 3,789,000$	= 0.0377
Survivor Ratio	=	$1.000 - 0.0377$	= 0.9623
Percent surviving at age 5½	=	$(88.15) \times (0.9623)$	= 84.83

The totals of the exposures and retirements (columns 2 and 3) are shown for the purpose of checking with the respective totals in Schedules 1 and 3. The ratio of the total retirements to the total exposures, other than for each age interval, is meaningless.

**SCHEDULE 4. ORIGINAL LIFE TABLE
CALCULATED BY THE RETIREMENT RATE METHOD**

Experience Band 2006-2015

Placement Band 2001-2015

(Exposure and Retirement Amounts are in Thousands of Dollars)

Age at Beginning of Interval	Exposures at Beginning of Age Interval	Retirements During Age Interval	Retirement Ratio	Survivor Ratio	Percent Surviving at Beginning of Age Interval
(1)	(2)	(3)	(4)	(5)	(6)
0.0	7,490	80	0.0107	0.9893	100.00
0.5	6,579	153	0.0233	0.9767	98.93
1.5	5,719	151	0.0264	0.9736	96.62
2.5	4,955	150	0.0303	0.9697	94.07
3.5	4,332	146	0.0337	0.9663	91.22
4.5	3,789	143	0.0377	0.9623	88.15
5.5	3,057	131	0.0429	0.9571	84.83
6.5	2,463	124	0.0503	0.9497	81.19
7.5	1,952	113	0.0579	0.9421	77.11
8.5	1,503	105	0.0699	0.9301	72.65
9.5	1,097	93	0.0848	0.9152	67.57
10.5	823	83	0.1009	0.8991	61.84
11.5	531	64	0.1205	0.8795	55.60
12.5	323	44	0.1362	0.8638	48.90
13.5	167	26	0.1557	0.8443	42.24
14.5					35.66
Total	<u>44,780</u>	<u>1,606</u>			

Column 2 from Schedule 3, Column 12, Plant Exposed to Retirement.

Column 3 from Schedule 1, Column 12, Retirements for Each Year.

Column 4 = Column 3 Divided by Column 2.

Column 5 = 1.0000 Minus Column 4.

Column 6 = Column 5 Multiplied by Column 6 as of the Preceding Age Interval.

The original survivor curve is plotted from the original life table (column 6, Schedule 4). When the curve terminates at a percent surviving greater than zero, it is called a stub survivor curve. Survivor curves developed from retirement rate studies generally are stub curves.

Smoothing the Original Survivor Curve

The smoothing of the original survivor curve eliminates any irregularities and serves as the basis for the preliminary extrapolation to zero percent surviving of the original stub curve. Even if the original survivor curve is complete from 100% to zero percent, it is desirable to eliminate any irregularities, as there is still an extrapolation for the vintages which have not yet lived to the age at which the curve reaches zero percent. In this study, the smoothing of the original curve with established type curves was used to eliminate irregularities in the original curve.

The Iowa type curves are used in this study to smooth those original stub curves which are expressed as percents surviving at ages in years. Each original survivor curve was compared to the Iowa curves using visual and mathematical matching in order to determine the better fitting smooth curves. In Figures 6, 7, and 8, the original curve developed in Schedule 4 is compared with the L, S, and R Iowa type curves which most nearly fit the original survivor curve. In Figure 6, the L1 curve with an average life between 12 and 13 years appears to be the best fit. In Figure 7, the S0 type curve with a 12-year average life appears to be the best fit and appears to be better than the L1 fitting. In Figure 8, the R1 type curve with a 12-year average life appears to be the best fit and appears to be better than either the L1 or the S0.

In Figure 9, the three fittings, 12-L1, 12-S0 and 12-R1 are drawn for comparison purposes. It is probable that the 12-R1 Iowa curve would be selected as the most representative of the plotted survivor characteristics of the group.

FIGURE 6. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN L1 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES

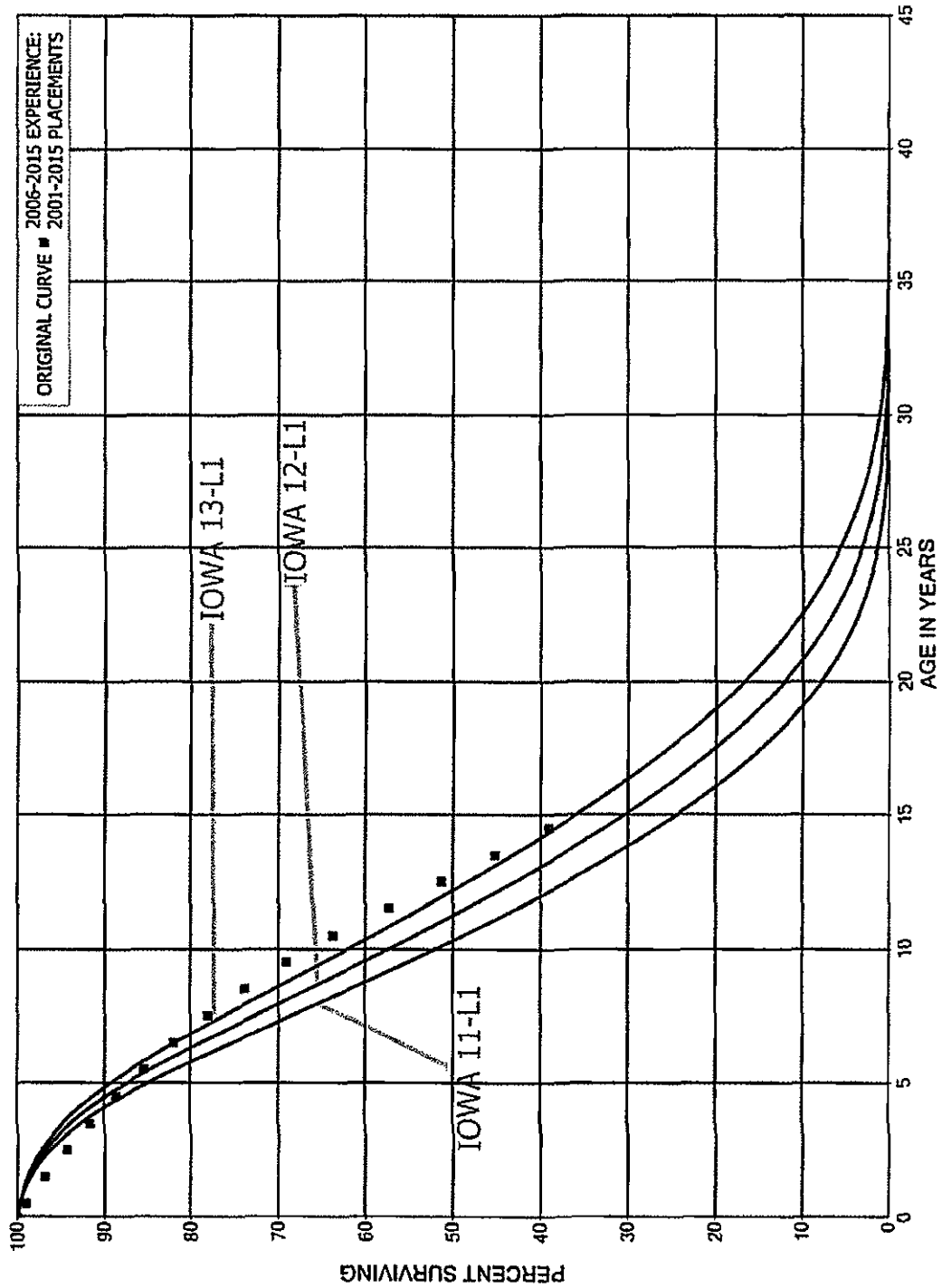


FIGURE 7. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN S0 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES

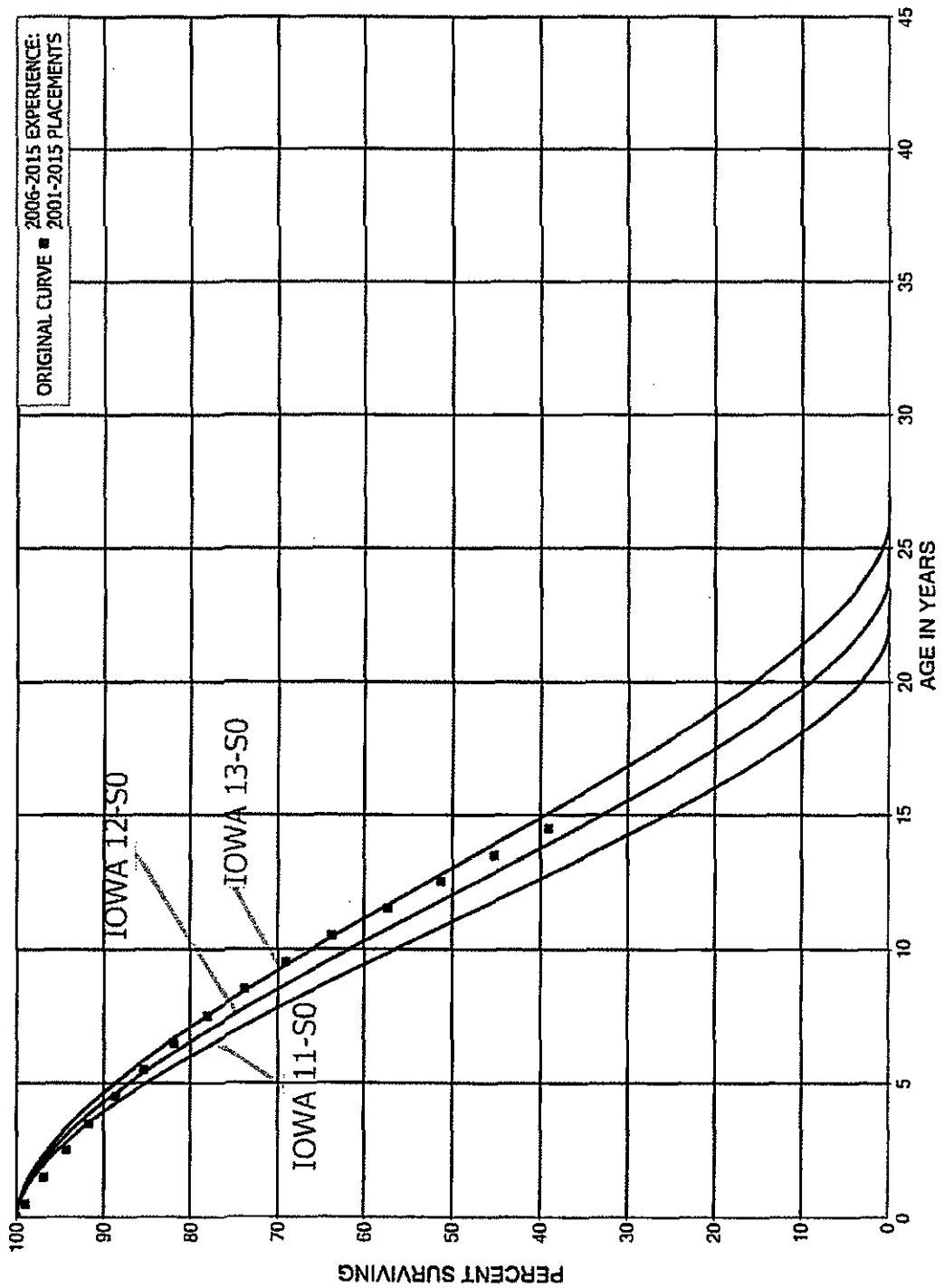


FIGURE 8. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN R1 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES

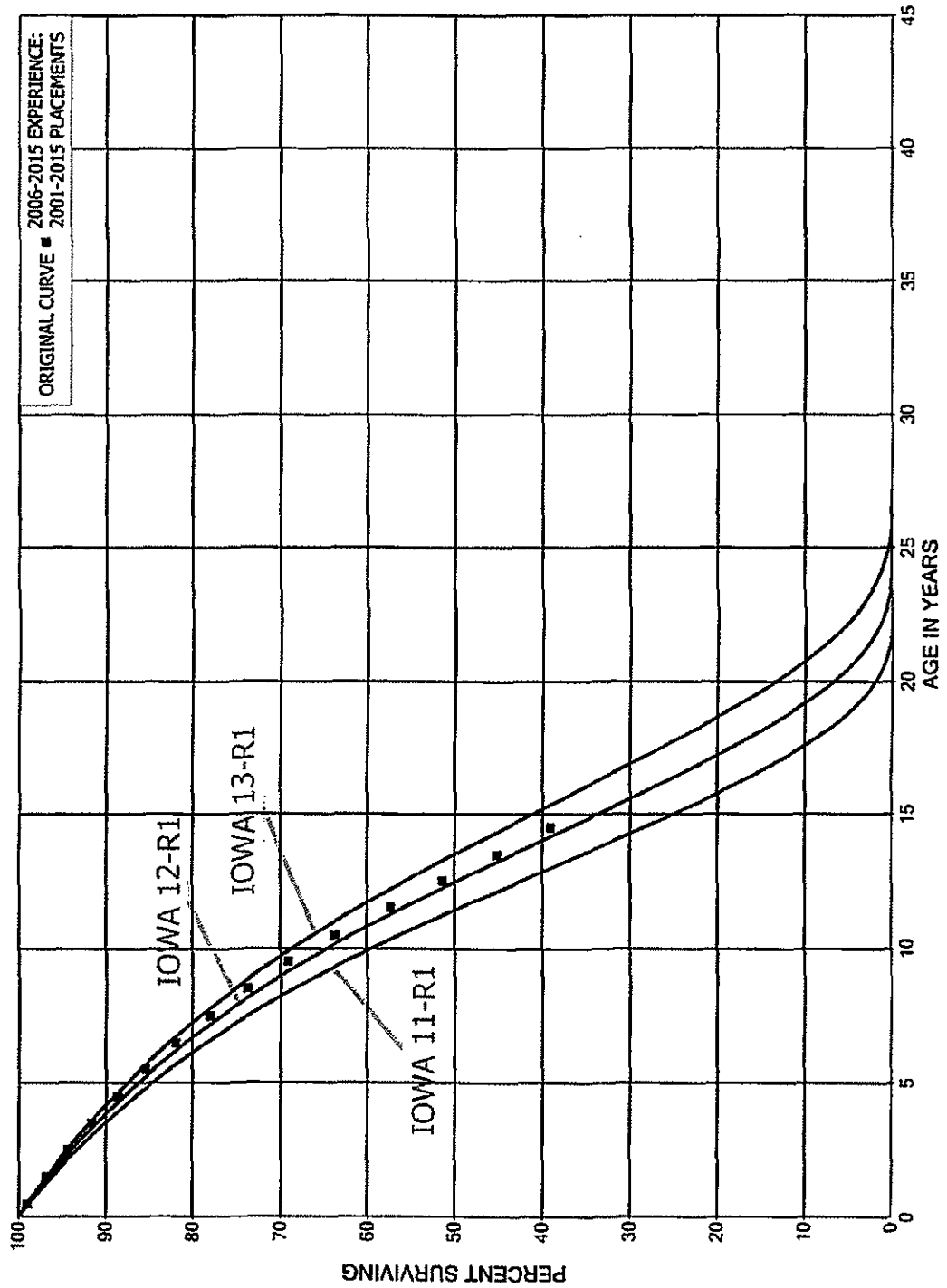
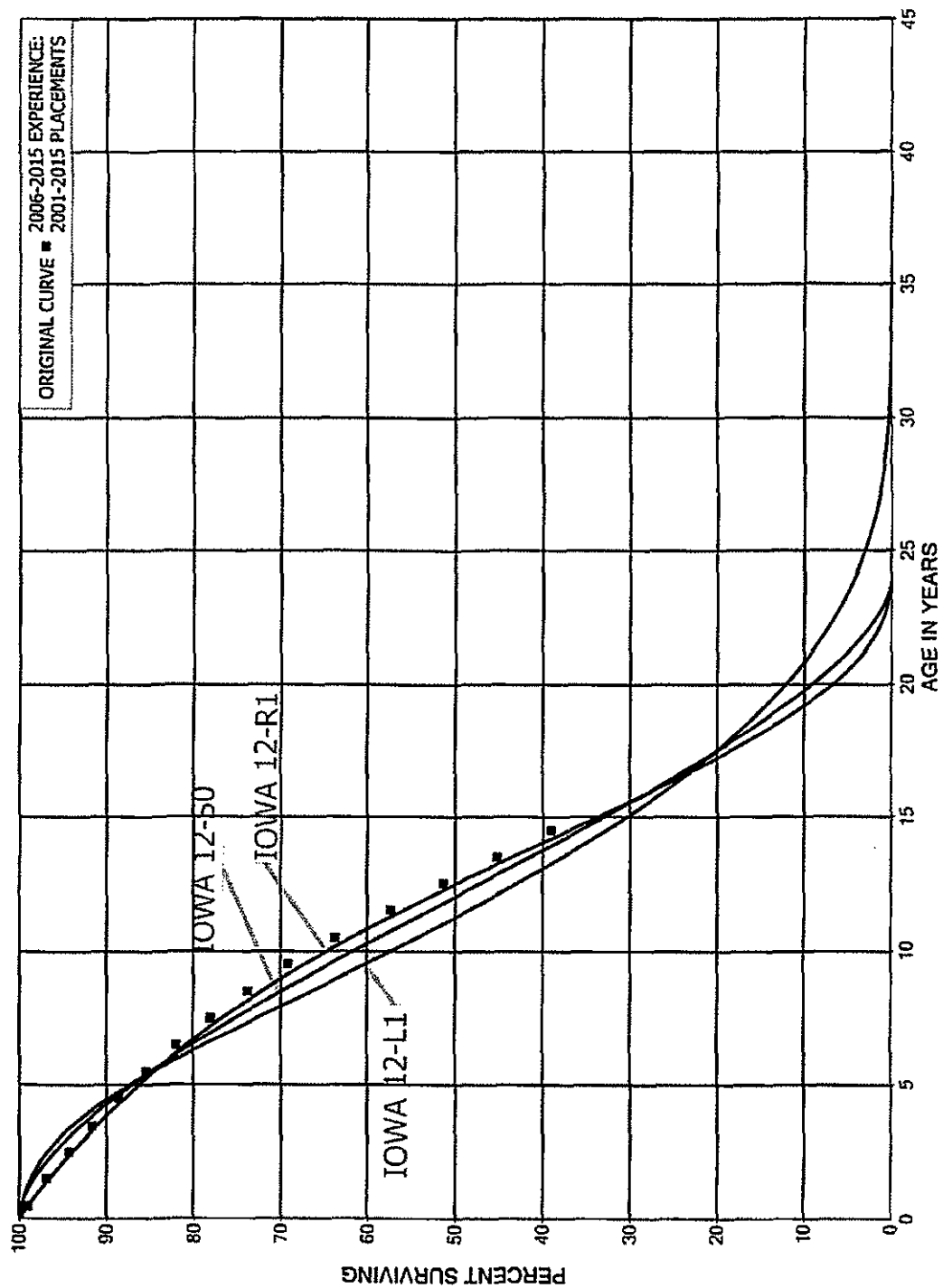


FIGURE 9. ILLUSTRATION OF THE MATCHING OF AN ORIGINAL SURVIVOR CURVE WITH AN L1, S0 AND R1 IOWA TYPE CURVE
ORIGINAL AND SMOOTH SURVIVOR CURVES



PART III. SERVICE LIFE CONSIDERATIONS

PART III. SERVICE LIFE CONSIDERATIONS

FIELD TRIPS

In order to be familiar with the operation of the Company and observe representative portions of the plant, a field trip was conducted for the study. A general understanding of the function of the plant and information with respect to the reasons for past retirements and the expected future causes of retirements are obtained during field trips. This knowledge and information were incorporated in the interpretation and extrapolation of the statistical analyses.

The following is a list of the locations visited during the most recent field trips.

January 31, 2017

Brecon Operations Facility
Cornell Substation
Dimmick Substation
Socialville Substation

July 8, 2008

Brecon Facility
Simpson Substation #175
Queensgate Service Building
Queensgate Substation
Fourth & Main Office Building

SERVICE LIFE CONSIDERATIONS

The service life estimates were based on judgment which considered a number of factors. The primary factors were the statistical analyses of data, current Company policies and outlook as determined during field reviews of the property and other conversations with management, and the survivor curve estimates from other electric companies.

The estimated survivor curves for structures reflect the life span or forecast concept of life estimation. In the life span concept, an interim survivor curve is selected to describe the rates of retirement between installation and the final concurrent retirement of all facilities at a location. The interim survivor curve for Account 1900, Structures and Improvements, and Account 3900, Structures and Improvements, is a 80-R1 survivor curve, indicating that some interim retirements of buildings or building components are anticipated during the life of the facility.

The major structures included in Accounts 1900 and 3900, Structures and Improvements, were separated from the smaller structures for purposes of the study. The major structures group consists of 26 structures or sites of significant size and of a nature that the life span procedure is appropriate. The life spans assigned to the major structures were typically 60-65 years from the date of the first major installation and were based on individual circumstances, such as size, condition, type of construction, location, and management's plans. The 50-R3 estimate was used for the other small structures in Accounts 1900 and 3900, inasmuch as these structures are similar in type construction, condition and size.

The estimated survivor curves for most of the mass property accounts are based on statistical analyses of plant accounting data and the range of lives and type curves used for other companies in the electric industry. Account 3650, Overhead Conductors and Devices, is one of the largest depreciable plant accounts and is used to illustrate the manner in which the study was conducted for the groups using the retirement rate method. Aged retirement and other plant accounting data were compiled for the years 1956 through 2016. These data were coded in the course of the Company's normal recordkeeping according to plant account or property group, type of transaction, year in

which the transaction took place, and year in which the electric plant was placed in service. The data were analyzed by the retirement rate method of life analysis. The survivor curve chart for the account is presented on page VII-35 and the life tables for the experience bands, 1956-2016 and 1976-2016 plotted on the chart follow it.

Typical service lives for the overhead conductor of other electric companies range from 45 to 55 years. The Iowa 55-R0.5 survivor curve is estimated to represent the future, inasmuch as it is a reasonable interpretation of the significant portion of the stub survivor curve through age 70, reflects the outlook of management and is within the typical range of lives for this account.

The estimates for the substation structures in Account 3610 were based on the results of applying the retirement rate method to the aged retirements for the account during the period 1956-2016. The 70-R2.5 survivor curve was selected to represent the retirement characteristics for these types of structures. The 70-year average service life is at the longer end of the range of typical service lives.

The estimate for Account 3640, Poles, Towers and Fixtures, is based on the 1956-2016 and 1976-2016 experience bands. The 55-R1 survivor curve is supported by the chart set forth on page VII-28. The 55-year average service life is at the upper end of the typical range of 40-55 years for other electric companies.

Another large account is the combined Account 3680, Line Transformers and Account 3682, Line Transformers – Customer Install. The estimate of survivor characteristics is based on the 1956-2016 and 1976-2016 experience bands. As the survivor curve chart illustrates, the experience bands represent similar life characteristics and supports the 45-R1 survivor curve. The 45-year average life is toward the upper end of the range of lives used by others in the industry.

The life estimates for electric Transportation Equipment and Power Operated Equipment were combined with the comparable subaccounts in common plant. The estimated survivor curve for the combined Accounts 1960 and 3960, Power Operated Equipment, is based on statistical analyses of aged retirements during the period 1997-2016 using the retirement rate method. The 17-S0 for Accounts 1960 and 3960 is a very good fit of the original survivor curve as shown on page VII-119 and is typical for the surviving equipment in these accounts. The estimated survivor curve for the combined Accounts 1920 and 3920, Transportation Equipment, is based on the 1991-2016 experience band which represents the most significant period for this property. The 11-L4 survivor curve is consistent with the estimates of others and is representative of management's plans for these assets. The 1957-2016 experience band was used to best represent the life characteristics of the combined Accounts 1921 and 3921, Transportation Equipment - Trailers. The 22-S1.5 survivor curve is a good fit for the combined analysis and comparable to other companies.

Similar studies were performed for the remaining plant accounts. Each of the judgments represented a consideration of statistical analyses of aged plant activity, management's outlook for the future, and the typical range of lives used by other electric companies.

The selected amortization periods for other General Plant accounts are described in the section "Calculated Annual and Accrued Amortization."

PART IV. NET SALVAGE CONSIDERATIONS

PART IV. NET SALVAGE CONSIDERATIONS

SALVAGE ANALYSIS

The estimates of net salvage were based in part on historical data compiled for the years 1978 through 2016. The net salvage estimates are expressed as a percent of the original cost of plant retired. The salvage analyses include annual amounts and five-year moving average bases.

Net Salvage Considerations

The estimates of net salvage were based primarily on judgment which considered a number of factors. The primary factors were the analyses of historical data, a knowledge of management's plans and operating policies determined during the field trip and other discussions, a general knowledge of the electric industry, and net salvage estimates used by other electric companies. Depreciation reserve accounting data were compiled for the years 1978 through 2016. These data include the retirements, cost of removal and gross salvage.

The net salvage results for Accounts 3640, Poles, Towers and Fixtures, and 3650, Overhead Conductors and Devices, will be used to illustrate the methods for estimating net salvage. The net salvage estimate for Account 3640, Poles, Towers and Fixtures, is negative 25 percent and is based on the historical analysis of salvage percents as shown in the tabulation on pages VIII-9 and VIII-10 and the typical range of net salvage estimates used by other electric utilities for poles. The historical indication for the period 1978 through 2016 is negative 21 percent, which is within the range of estimates for other electric companies of negative 20 to 80 percent. The most recent five-year average, 2012-2016, was negative 52 percent net salvage. Based on these averages and considering the estimates of others, negative 25 percent net salvage is estimated for

Account 3640, Poles, Towers and Fixtures. For Account 3650, Overhead Conductors and Devices, the net salvage estimate of negative 30 percent is based on the historical analysis of salvage percents as shown on pages VIII-11 and VIII-12. The average net salvage for this account for the period 1978-2016 is negative 31 percent, and, the trend, as indicated by the most recent five-year band, is negative 22 percent. The use of negative 30 percent net salvage is based primarily on the overall period and is within the range for other electric companies of negative 20 to negative 50 percent.

The net salvage estimates for the remaining plant accounts were estimated using the above-described process of historical indications, judgment and reviewing the typical range of estimates used by other electric companies. The results of the net salvage for each plant account are presented in account sequence beginning in the section titled "Net Salvage Statistics", page VIII-2.

Generally, the net salvage estimates for the general plant accounts were zero percent, consistent with amortization accounting.

PART V. CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION

PART V. CALCULATION OF ANNUAL AND ACCRUED DEPRECIATION

GROUP DEPRECIATION PROCEDURES

A group procedure for depreciation is appropriate when considering more than a single item of property. Normally the items within a group do not have identical service lives, but have lives that are dispersed over a range of time. There are two primary group procedures, namely, average service life and equal life group. In the average service life procedure, the rate of annual depreciation is based on the average life or average remaining life of the group, and this rate is applied to the surviving balances of the group's cost. A characteristic of this procedure is that the cost of plant retired prior to average life is not fully recouped at the time of retirement, whereas the cost of plant retired subsequent to average life is more than fully recouped. Over the entire life cycle, the portion of cost not recouped prior to average life is balanced by the cost recouped subsequent to average life.

In the average service life procedure, the annual accrual rate is computed by the following equation:

$$\text{Annual Accrual Rate, Percent} = \frac{(100\% - \text{Net Salvage, Percent})}{\text{Average Service Life}}$$

Single Unit of Property

After the survivor curve and net salvage are estimated, the annual and accrued depreciation can be calculated. The calculation of straight line depreciation for a single unit of property is straightforward. For example, if a \$1,000 unit of property attains an age of four years and has a life expectancy of six years, the annual accrual over the total life is:

$$\frac{\$1,000}{(4 + 6)} = \$100 \text{ per year.}$$

The accrued depreciation is:

$$\$1,000 \left(1 - \frac{6}{10}\right) = \$400.$$

For property groups in which the average service life of each vintage differs because the life of successive additions is restricted by an expected concurrent retirement of all associated property, the annual accrual rate is calculated separately for each vintage. The rate for each vintage is determined by the above equations, using the average service life calculated for the investment in that vintage. A composite rate for the total investment in such a group may then be calculated at a specific date by weighting the rate for each vintage by the related surviving investment.

The calculated accrued depreciation for each depreciable property group represents that portion of the depreciable cost of the group which would not be allocated to expense through future depreciation accruals if current forecasts of life characteristics are used as the basis for such accruals. The accrued depreciation calculation consists of applying an appropriate ratio to the surviving original cost of each vintage of each account based upon the attained age, service life and net salvage. The straight line accrued depreciation ratios are calculated as follows for the average service life procedure:

$$\text{Ratio} = 1 - \left(\frac{\text{Average Remaining Life}}{\text{Average Service Life}} \right) (1 - \text{Net Salvage, Percent}).$$

CALCULATION OF ANNUAL AND ACCRUED AMORTIZATION

Amortization is the gradual extinguishment of an amount in an account by distributing such amount over a fixed period, over the life of the asset or liability to which it applies, or

over the period during which it is anticipated the benefit will be realized. Normally, the distribution of the amount is in equal amounts to each year of the amortization period.

The calculation of annual and accrued amortization requires the selection of an amortization period. The amortization periods used in this report were based on judgment which incorporated a consideration of the period during which the assets will render most of their service, the amortization period and service lives used by other utilities, and the service life estimates previously used for the asset under depreciation accounting.

Amortization accounting is appropriate for certain General Plant accounts that represent numerous units of property, but a very small portion of depreciable electric plant in service. The accounts and their amortization periods are as follows:

Account	Amortization Period, Years
COMMON PLANT	
1910, Office Furniture and Equipment	20
1911, Office Furniture and Equipment - Elec. Data Proc.	5
1930, Stores Equipment	20
1940, Tools, Shop and Garage Equipment	25
1970, Communication Equipment	15
1980, Miscellaneous Equipment	20
ELECTRIC PLANT	
3910, Office Furniture and Equipment	20
3911, Office Furniture and Equipment - Elec. Data Proc.	5
3940, Tools, Shop and Garage Equipment	25
3970, Communication Equipment	15
3980, Miscellaneous Equipment	20

The annual amortization amount is determined by dividing the original cost for vintages whose age is less than the amortization period by the period of amortization. The calculated accrued amortization is equal to the original cost multiplied by the ratio of the vintage's age to its amortization period.

PART VI. RESULTS OF STUDY

PART VI. RESULTS OF STUDY

QUALIFICATION OF RESULTS

The calculated annual and accrued depreciation are the principal results of the study. Continued surveillance and periodic revisions are normally required to maintain continued use of appropriate annual depreciation accrual rates. An assumption that accrual rates can remain unchanged over a long period of time implies a disregard for the inherent variability in service lives and net salvage and for the change of the composition of property in service. The annual accrual rates were calculated in accordance with the straight line whole life method of depreciation, using the average service life procedure based on estimates which reflect considerations of current historical evidence and expected future conditions.

The annual depreciation accrual rates are applicable specifically to the electric and common plant in service as of September 30, 2016. For most plant accounts, the application of such rates to future balances that reflect additions subsequent to September 30, 2016, is reasonable for a period of three to five years.

DESCRIPTION OF STATISTICAL SUPPORT

The service life and net salvage estimates were based on judgment which incorporated statistical analyses of retirement data, discussions with management and consideration of estimates made for other electric utility companies. The results of the statistical analyses of service life are presented in the section titled "Service Life Statistics".

The estimated survivor curves for each account are presented in graphical form. The charts depict the estimated smooth survivor curve and original survivor curve(s),

when applicable, related to each specific group. For groups where the original survivor curve was plotted, the calculation of the original life table is also presented.

The analyses of salvage data are presented in the section titled, "Net Salvage Statistics". The tabulations present annual cost of removal and net salvage data, three-year moving averages and the most recent five-year average. Data are shown in dollars and as percentages of the original cost retired.

DESCRIPTION OF DEPRECIATION TABULATIONS

A summary table of the results of the study, as applied to the original cost of electric and common plant as of September 30, 2016, are presented on pages VI-4 and VI-5 of this report. The table summarizes the calculated annual and accrued depreciation by account based on the straight line whole life method of depreciation.

The tables of the calculated annual and accrued depreciation are presented in account sequence in the section titled "Detailed Depreciation Calculations." The tables indicate the estimated survivor curve and net salvage percent for the account and set forth for each installation year the original cost, the average life, the calculated annual accrual amount and rate, the expectancy, and the calculated accrued factor and depreciation.

DUKE ENERGY OHIO

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST AND CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ELECTRIC AND COMMON PLANT AS OF SEPTEMBER 30, 2016

	ACCOUNT (1)	SURVIVOR CURVE (2)	NET SALVAGE PERCENT (3)	ORIGINAL COST AS OF SEPTEMBER 30, 2016 (4)	CALCULATED ANNUAL ACCRUAL RATE (5)+(6)/(4)		CALCULATED ACCURED DEPRECIATION (7)
					AMOUNT (5)	RATE (6)	
COMMON PLANT							
1701	AMI METERS	15-S2.5	0	20,663,813.29	1,378,276	6.67	4,483,780
1850	LAND AND LAND RIGHTS	NONDEPRECIABLE		2,261,398.68			
1891	LAND AND LAND RIGHTS - RIGHTS OF WAY	NONDEPRECIABLE		37,968.72			
1900	STRUCTURES AND IMPROVEMENTS - MAJOR	80-R1	(10)	145,797,153.56	4,896,318	3.36	52,546,270
	STRUCTURES AND IMPROVEMENTS - MINOR	50-R3	(20)	11,111,297.14	265,689	2.39	1,967,459
	TOTAL STRUCTURES AND IMPROVEMENTS			156,908,450.70	5,162,207	3.29	54,513,729
1901	STRUCTURES AND IMPROVEMENTS - LEASE						
	CLOPAY OFFICE BUILDINGS	SQUARE	0	4,179,441.46	169,631	--	4,009,804
	CLOPAY OFFICE BUILDINGS 4TH/5TH/6TH FLOOR	SQUARE	0	820,726.30	50,752	--	769,942
	CLOPAY OFFICE BUILDINGS 3RD FLOOR	SQUARE	0	366,796.96	35,648	--	331,156
	HOLIDAY PARK	SQUARE	0	303,876.34	20,929	--	246,341
	TOTAL STRUCTURES AND IMPROVEMENTS - LEASE			5,670,841.06	276,960		5,357,243
1910	OFFICE FURNITURE AND EQUIPMENT	20-SQ	0	7,162,744.60	358,137	5.00	2,508,649
1911	OFFICE FURNITURE AND EQUIPMENT ELECTRONIC DATA PROCESSING	5-SQ	0	1,938,513.63	387,703	20.00	1,213,364
1920	TRANSPORTATION EQUIPMENT	11-L4	0	85,311.07	0	0.00	85,311
1921	TRANSPORTATION EQUIPMENT - TRAILERS	22-S1.5	5	474,273.01	20,500	4.32	250,784
1930	STORES EQUIPMENT	20-SQ	0	469,804.87	23,490	5.00	130,300
1940	TOOLS, SHOP AND GARAGE EQUIPMENT	25-SQ	0	2,275,202.12	91,008	4.00	806,616
1960	POWER OPERATED EQUIPMENT	17-SQ	10	111,852.23	5,919	5.29	34,819
1970	COMMUNICATION EQUIPMENT	15-SQ	0	40,844,676.61	2,711,000	6.67	16,020,411
	COMMUNICATION - OTHER	SQUARE	0	53,317,544.54	5,623,556	10.55	18,166,622
	NODES						
	TOTAL COMMUNICATION EQUIPMENT			93,962,221.15	8,334,556		34,187,033
1980	MISCELLANEOUS EQUIPMENT	20-SQ	0	546,648.18	27,332	5.00	219,766
	TOTAL COMMON PLANT			292,569,043.31	16,066,088	5.49	103,791,423
DISTRIBUTION PLANT							
3600	LAND AND LAND RIGHTS	NONDEPRECIABLE					
3601	RIGHTS OF WAY	75-R4	0	14,617,812.94	349,579	1.33	11,007,059
3610	STRUCTURES AND IMPROVEMENTS	70-R2.5	(20)	26,284,145.07	328,316	1.72	4,193,661
3620	STATION EQUIPMENT	61-R1.5	(20)	19,132,650.28	4,192,297	1.97	82,016,930
3622	STATION EQUIPMENT - MAJOR	66-R2.5	(15)	213,023,236.28	2,051,205	1.77	37,371,149
3640	POLES, TOWERS AND FIXTURES	55-R1	(25)	115,821,876.69	7,141,758	2.28	88,673,984
3650	OVERHEAD CONDUCTORS AND DEVICES	55-R0.5	(30)	313,923,439.16	13,291,340	2.37	121,913,712
3660	UNDERGROUND CONDUIT	75-R3	(50)	561,764,170.71	2,303,414	1.99	42,136,002
3670	UNDERGROUND CONDUCTORS AND DEVICES	65-R1.5	(25)	115,459,335.95	6,737,598	1.92	81,908,430
3680	LINE TRANSFORMERS	45-R1	(10)	350,005,111.87	8,268,156	2.44	112,416,077
3681	LINE TRANSFORMERS - CUSTOMER INSTALL	45-R1	(10)	338,602,127.41	91,609	2.44	2,340,040
3691	SERVICES - UNDERGROUND	65-R1.5	(25)	3,765,296.53	146,559	1.92	1,330,836
3692	SERVICES - OVERHEAD	50-R0.5	(45)	7,613,440.55	2,391,001	2.90	25,973,492
3700	METERS - METER INSTRUMENTATION TRANSFORMERS	22-L1	0	82,448,287.64	332,946	4.49	3,952,034
	METERS - LEASED - METER INSTRUMENTATION TRANSFORMERS	22-L1	0	7,409,920.04	5,078,345	***	0
3701	METERS - METER INSTRUMENTATION TRANSFORMERS	22-L1	0	6,057,966.27	275,637	4.55	1,240,673
3702	METERS - UTILITY OF FUTURE	8-S2.5	0	72,422,725.45	9,052,841	12.50	36,147,116

DUKE ENERGY OHIO

TABLE 1. SUMMARY OF ESTIMATED SURVIVOR CURVES, NET SALVAGE, ORIGINAL COST AND CALCULATED ANNUAL AND ACCRUED DEPRECIATION RELATED TO ELECTRIC AND COMMON PLANT AS OF SEPTEMBER 30, 2016

	(1) ACCOUNT	(2) SURVIVOR CURVE	(3) NET SALVAGE PERCENT	(4) ORIGINAL COST AS OF SEPTEMBER 30, 2016	(5) CALCULATED ANNUAL ACCRUAL AMOUNT	(6)÷(5)÷(4) RATE	(7) CALCULATED ACCURED DEPRECIATION
3712	INSTALLATIONS ON CUSTOMER'S PREMISES - COMPANY OWNED OUTDOOR LIGHTING	12-L1	(10)	638,617.70	64,014	9.16	153,224
3720	LEASED PROPERTY ON CUSTOMER PREMISES	26-L1.5	(5)	102,502.52	4,090	3.99	82,876
3730	STREET LIGHTING AND SIGNAL SYSTEMS	30-L1	(20)	2,058,142.59	82,243	4.00	102,028
3731	STREET LIGHTING AND SIGNAL SYSTEMS - OVERHEAD	30-L1	(20)	15,390,341.65	614,990	4.00	7,117,026
3732	STREET LIGHTING AND SIGNAL SYSTEMS - BOULEVARD	46-R2	(15)	27,698,678.11	687,419	2.48	9,446,354
3733	STREET LIGHT AND SIGNAL SYSTEMS - CUSTOMER POLES	36-R0.5	(20)	15,025,573.15	501,253	3.34	5,493,522
3734	STREET LIGHT AND SIGNAL SYSTEMS - PUBLIC	19-L0	(5)	10,456,145.69	576,499	5.52	1,465,125
	TOTAL DISTRIBUTION PLANT			2,319,753,557.25	64,563,109	2.78	658,484,400
	GENERAL PLANT						
3890	LAND AND LAND RIGHTS	NONDEPRECIABLE		5,034,066.15			
3900	STRUCTURES AND IMPROVEMENTS - MAJOR	80-R1	(5)	24,193,428.13	1,084,625	4.48	9,443,398
	STRUCTURES AND IMPROVEMENTS - MINOR	50-R3	(20)	3,775,262.10	90,245	2.39	1,495,481
	TOTAL STRUCTURES AND IMPROVEMENTS			27,968,690.23	1,174,872	4.20	10,938,879
3910	OFFICE FURNITURE AND EQUIPMENT	20-SQ	0	371,311.51	18,566	5.00	143,406
3911	OFFICE FURNITURE AND EQUIPMENT - ELECTRONIC DATA PROCESSING	FULLY ACCRUED	0	238,198.70	0	0.00	238,199
	FULLY ACCRUED	5-SQ	0	4,631,217.57	926,244	20.00	2,119,534
	TOTAL OFFICE FURNITURE AND EQUIPMENT - ELECTRONIC DATA PROCESSING			4,869,416.27	926,244	19.02	2,357,733
3920	TRANSPORTATION EQUIPMENT	11-L4	0	481,516.28	34,830	7.55	156,170
3921	TRANSPORTATION EQUIPMENT - TRAILERS	22-S1.5	5	2,416,462.16	104,452	4.32	1,285,065
3930	STORES EQUIPMENT	20-SQ	0	1,865,081.88	93,254	5.00	310,266
3940	TOOLS, SHOP AND GARAGE EQUIPMENT	25-SQ	0	23,910,045.05	956,402	4.00	7,048,953
3960	POWER OPERATED EQUIPMENT	17-SQ	10	799,100.89	42,288	5.29	115,049
3970	COMMUNICATION EQUIPMENT	15-SQ	0	25,860,803.77	1,724,916	6.67	7,322,507
	COMMUNICATION - OTHER	SQUARE	0	101,759,692.25	9,602,048	9.44	41,743,401
	TOTAL COMMUNICATION EQUIPMENT			127,619,496.02	11,325,964		49,065,908
3980	MISCELLANEOUS EQUIPMENT	20-SQ	0	151,886.77	7,594	5.00	45,703
	TOTAL GENERAL PLANT			196,467,093.19	14,685,466	7.51	71,467,132
	TOTAL ELECTRIC PLANT			2,507,789,693.75	95,314,663	3.39	833,742,955

* LIFE SPAN PROCEDURE USED. CURVE SHOWN IS INTERIM SURVIVOR CURVE

** ASSETS ARE DEPRECIATED INDIVIDUALLY BY LEASE PERIOD

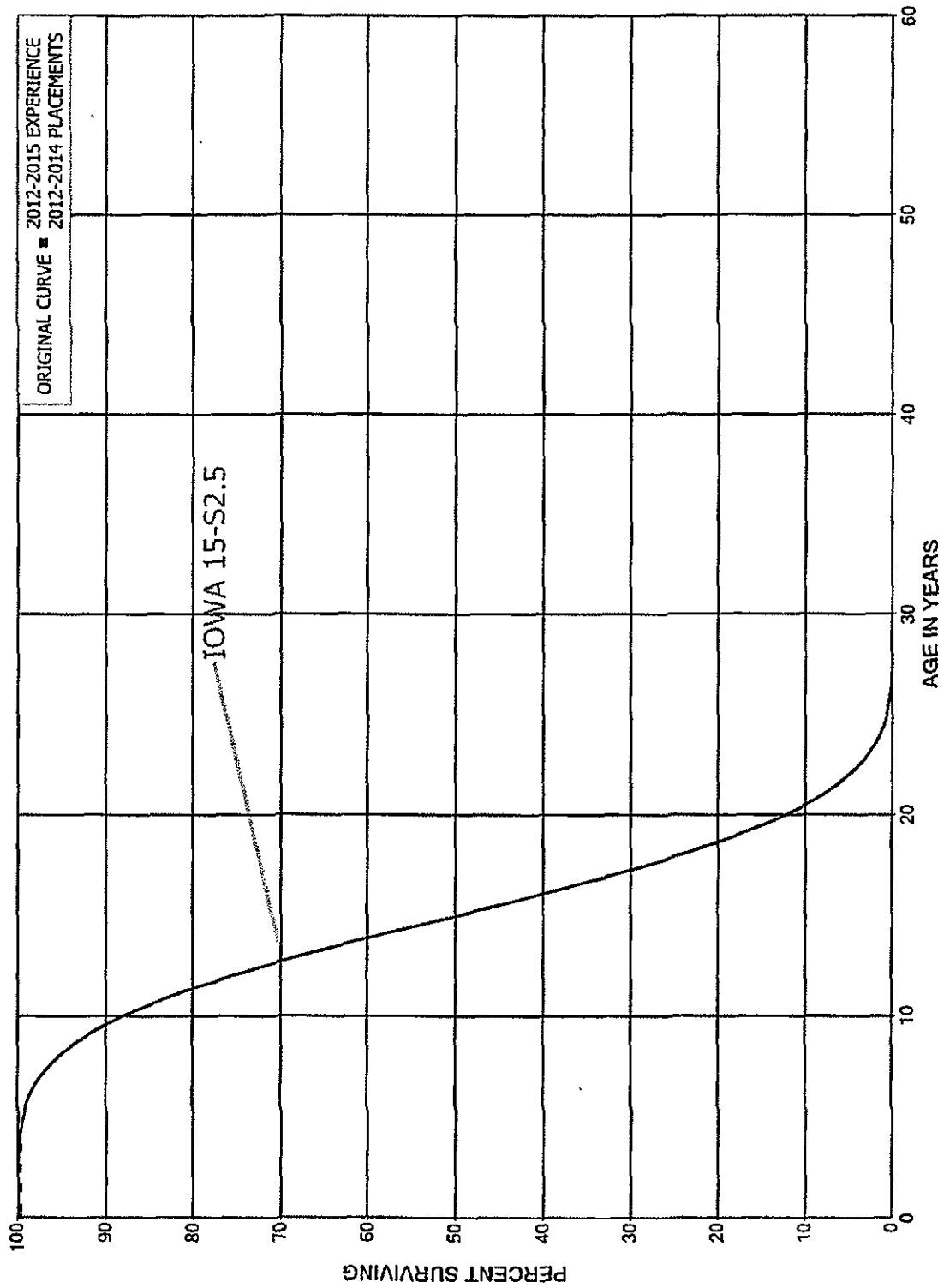
*** 2.75 YEAR REMAINING AMORTIZATION THROUGH JUNE 2019 OF UNRECOVERED METER NET BOOK VALUE

NOTE:

ACCRUAL RATE FOR NEW ADDITIONS AS OF JANUARY 1, 2017 IN ACCOUNT 395, LABORATORY EQUIPMENT WILL BE EQUAL TO THE AMORTIZATION PERIOD OF 15 YEARS

PART VII. SERVICE LIFE STATISTICS

DUKE ENERGY OHIO
ACCOUNT 1701 AMI METERS
ORIGINAL AND SMOOTH SURVIVOR CURVES

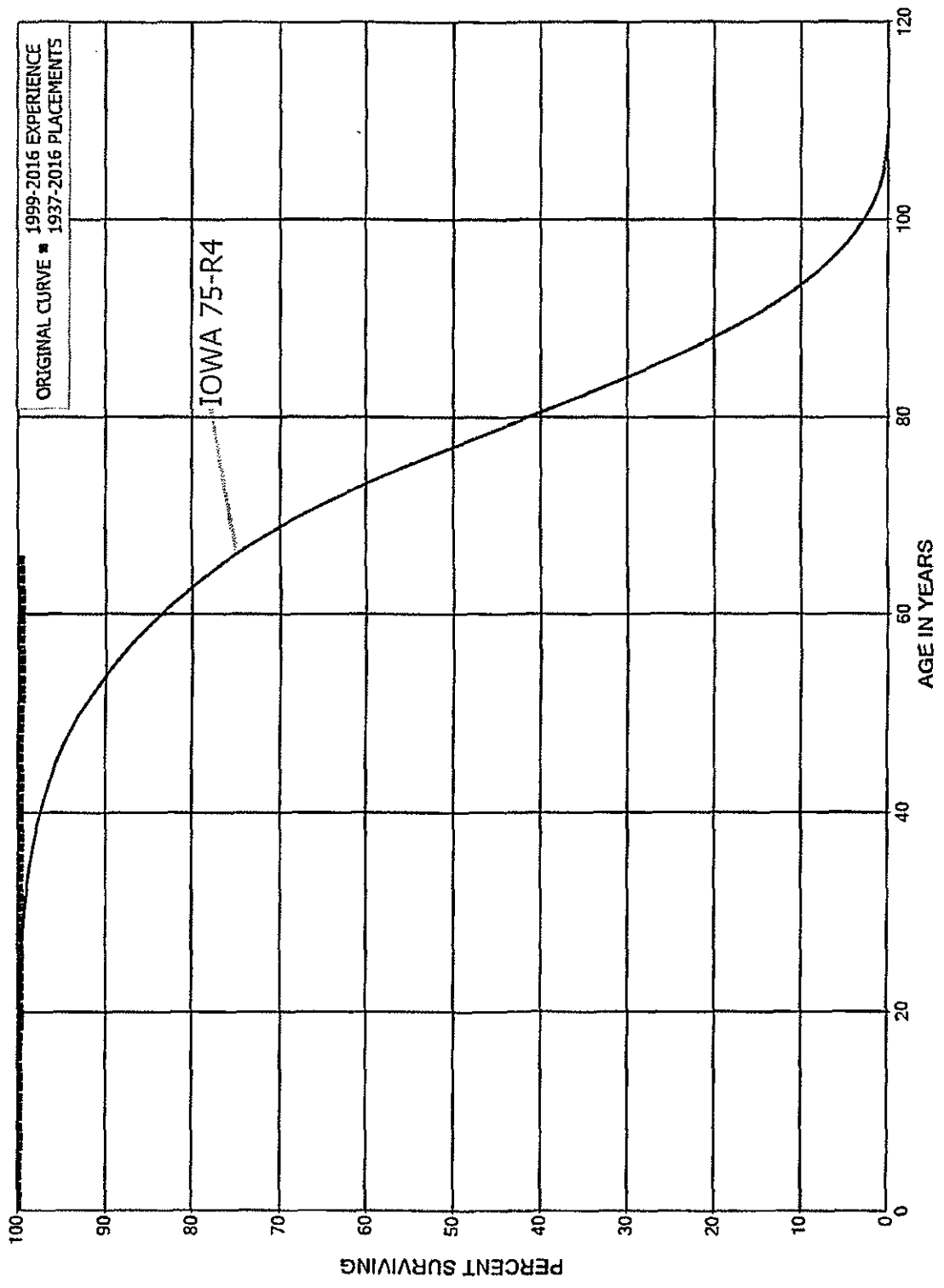


DUKE ENERGY OHIO
ACCOUNT 1701 AMI METERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 2012-2014			EXPERIENCE BAND 2012-2015		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	20,663,813		0.0000	1.0000	100.00
0.5	20,663,813		0.0000	1.0000	100.00
1.5	18,892,361		0.0000	1.0000	100.00
2.5	2,101,828		0.0000	1.0000	100.00
3.5					100.00

DUKE ENERGY OHIO
ACCOUNT 3601 RIGHTS OF WAY
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNT 3601 RIGHTS OF WAY

ORIGINAL LIFE TABLE

PLACEMENT BAND 1937-2016

EXPERIENCE BAND 1999-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	404,701		0.0000	1.0000	100.00
0.5	427,833		0.0000	1.0000	100.00
1.5	525,160		0.0000	1.0000	100.00
2.5	938,619		0.0000	1.0000	100.00
3.5	2,484,720	2,573	0.0010	0.9990	100.00
4.5	3,730,401		0.0000	1.0000	99.90
5.5	5,356,875	1,983	0.0004	0.9996	99.90
6.5	6,672,165	2,402	0.0004	0.9996	99.86
7.5	8,219,987		0.0000	1.0000	99.82
8.5	9,311,975		0.0000	1.0000	99.82
9.5	10,300,326		0.0000	1.0000	99.82
10.5	11,153,372	81	0.0000	1.0000	99.82
11.5	12,178,413	51	0.0000	1.0000	99.82
12.5	13,218,964	51	0.0000	1.0000	99.82
13.5	14,510,607		0.0000	1.0000	99.82
14.5	15,705,277	25	0.0000	1.0000	99.82
15.5	17,061,618		0.0000	1.0000	99.82
16.5	17,825,337	5,965	0.0003	0.9997	99.82
17.5	18,525,084	1,832	0.0001	0.9999	99.79
18.5	19,197,761		0.0000	1.0000	99.78
19.5	19,612,062		0.0000	1.0000	99.78
20.5	19,618,980	14	0.0000	1.0000	99.78
21.5	18,511,932		0.0000	1.0000	99.78
22.5	17,727,142	27	0.0000	1.0000	99.78
23.5	16,461,608		0.0000	1.0000	99.78
24.5	15,493,545	1,246	0.0001	0.9999	99.78
25.5	14,194,093	225	0.0000	1.0000	99.77
26.5	13,355,262	466	0.0000	1.0000	99.77
27.5	12,505,037	318	0.0000	1.0000	99.77
28.5	11,913,972	212	0.0000	1.0000	99.76
29.5	11,053,962	19	0.0000	1.0000	99.76
30.5	10,224,940	890	0.0001	0.9999	99.76
31.5	9,177,422	32	0.0000	1.0000	99.75
32.5	8,180,792	351	0.0000	1.0000	99.75
33.5	7,144,422		0.0000	1.0000	99.75
34.5	6,422,550	163	0.0000	1.0000	99.75
35.5	5,830,552	172	0.0000	1.0000	99.74
36.5	5,234,034	42	0.0000	1.0000	99.74
37.5	4,884,238		0.0000	1.0000	99.74
38.5	4,563,369	122	0.0000	1.0000	99.74

DUKE ENERGY OHIO

ACCOUNT 3601 RIGHTS OF WAY

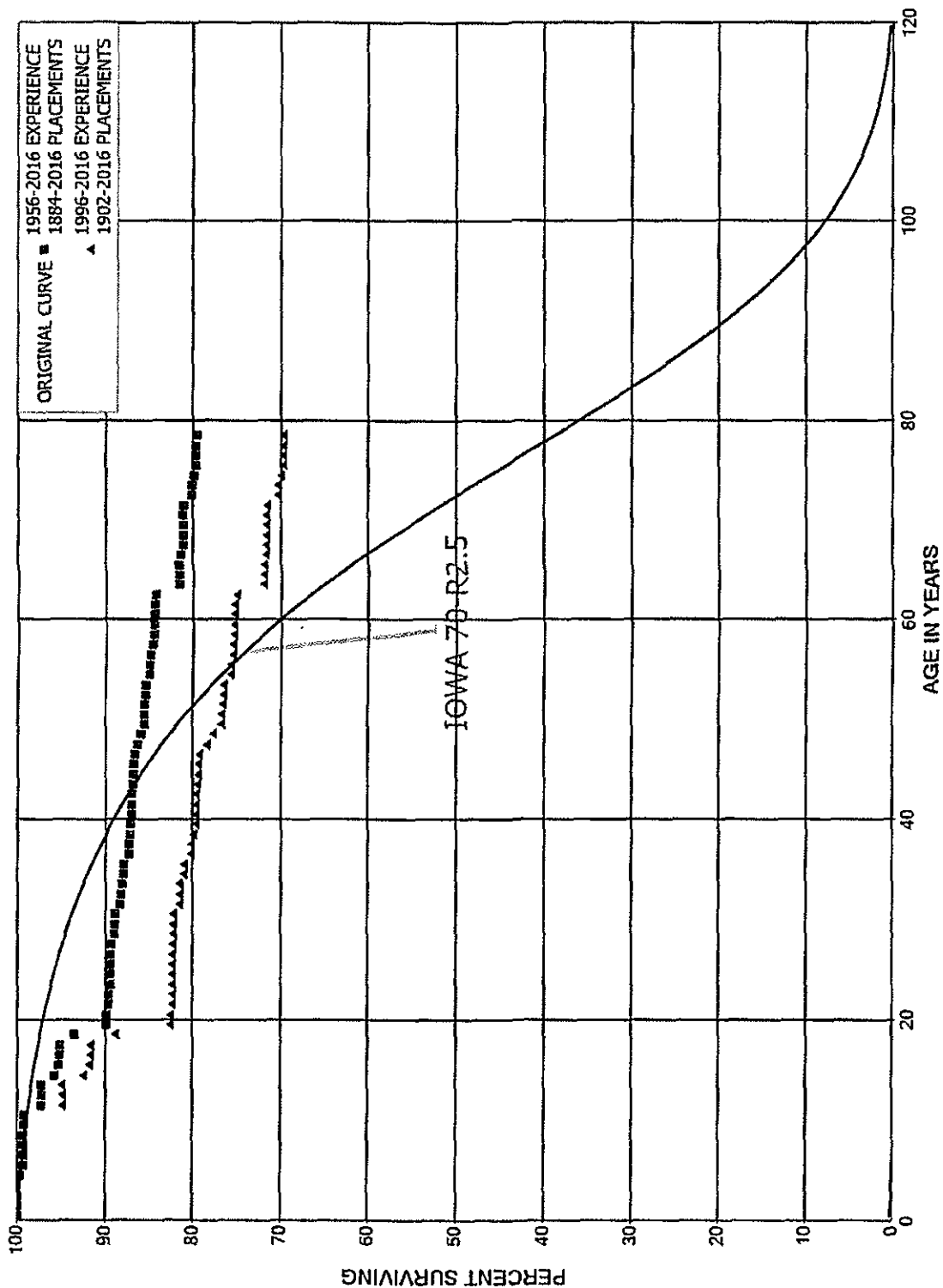
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1937-2016

EXPERIENCE BAND 1999-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	4,234,391	17	0.0000	1.0000	99.74
40.5	3,857,282	246	0.0001	0.9999	99.74
41.5	3,581,980	60	0.0000	1.0000	99.73
42.5	3,274,529	47	0.0000	1.0000	99.73
43.5	3,074,525	1,193	0.0004	0.9996	99.73
44.5	2,760,484	36	0.0000	1.0000	99.69
45.5	2,550,084	257	0.0001	0.9999	99.69
46.5	2,267,300	37	0.0000	1.0000	99.68
47.5	2,061,281	43	0.0000	1.0000	99.68
48.5	1,839,274		0.0000	1.0000	99.67
49.5	1,721,188	25	0.0000	1.0000	99.67
50.5	1,510,878	69	0.0000	1.0000	99.67
51.5	1,397,178	58	0.0000	1.0000	99.67
52.5	1,287,418	11	0.0000	1.0000	99.66
53.5	1,159,408	34	0.0000	1.0000	99.66
54.5	953,595		0.0000	1.0000	99.66
55.5	809,652		0.0000	1.0000	99.66
56.5	658,517		0.0000	1.0000	99.66
57.5	526,333		0.0000	1.0000	99.66
58.5	453,890		0.0000	1.0000	99.66
59.5	367,556		0.0000	1.0000	99.66
60.5	280,287		0.0000	1.0000	99.66
61.5	323,618		0.0000	1.0000	99.66
62.5	272,847		0.0000	1.0000	99.66
63.5	246,599		0.0000	1.0000	99.66
64.5	217,997		0.0000	1.0000	99.66
65.5	199,896		0.0000	1.0000	99.66
66.5	287,446		0.0000	1.0000	99.66
67.5	268,269		0.0000	1.0000	99.66
68.5	256,296		0.0000	1.0000	99.66
69.5	240,200		0.0000	1.0000	99.66
70.5	230,889		0.0000	1.0000	99.66
71.5	225,192		0.0000	1.0000	99.66
72.5	220,995		0.0000	1.0000	99.66
73.5	211,019		0.0000	1.0000	99.66
74.5	179,547		0.0000	1.0000	99.66
75.5	172,983		0.0000	1.0000	99.66
76.5	170,287		0.0000	1.0000	99.66
77.5	162,954		0.0000	1.0000	99.66
78.5	156,024	15,100	0.0968	0.9032	99.66
79.5					90.02

DUKE ENERGY OHIO
ACCOUNT 3610 STRUCTURES AND IMPROVEMENTS
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO
ACCOUNT 3610 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1884-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	17,562,502		0.0000	1.0000	100.00
0.5	17,568,204		0.0000	1.0000	100.00
1.5	17,562,805	3,102	0.0002	0.9998	100.00
2.5	16,759,793		0.0000	1.0000	99.98
3.5	13,948,084	46,561	0.0033	0.9967	99.98
4.5	11,556,947	44,892	0.0039	0.9961	99.65
5.5	8,282,008	1,368	0.0002	0.9998	99.26
6.5	7,703,305		0.0000	1.0000	99.25
7.5	7,282,250	995	0.0001	0.9999	99.25
8.5	6,372,842	811	0.0001	0.9999	99.23
9.5	5,657,825	159	0.0000	1.0000	99.22
10.5	4,492,951	85,431	0.0190	0.9810	99.22
11.5	4,152,494	356	0.0001	0.9999	97.33
12.5	4,207,826	1,627	0.0004	0.9996	97.32
13.5	3,883,950	60,966	0.0157	0.9843	97.28
14.5	3,716,841	16,260	0.0044	0.9956	95.76
15.5	3,685,622	5,005	0.0014	0.9986	95.34
16.5	3,547,426	1,127	0.0003	0.9997	95.21
17.5	3,870,188	68,830	0.0178	0.9822	95.18
18.5	3,801,624	148,798	0.0391	0.9609	93.49
19.5	3,652,921	1,265	0.0003	0.9997	89.83
20.5	3,397,775	4,913	0.0014	0.9986	89.80
21.5	3,083,947	1	0.0000	1.0000	89.67
22.5	3,081,943	9,961	0.0032	0.9968	89.67
23.5	3,072,602		0.0000	1.0000	89.38
24.5	3,073,556	342	0.0001	0.9999	89.38
25.5	3,050,213	106	0.0000	1.0000	89.37
26.5	3,062,899	2,718	0.0009	0.9991	89.36
27.5	3,131,431	9,693	0.0031	0.9969	89.28
28.5	3,154,312	4,872	0.0015	0.9985	89.01
29.5	3,101,672	2,805	0.0009	0.9991	88.87
30.5	3,313,983	19,910	0.0060	0.9940	88.79
31.5	3,294,175	2,706	0.0008	0.9992	88.26
32.5	2,183,373	1,707	0.0008	0.9992	88.18
33.5	2,182,597	7,635	0.0035	0.9965	88.11
34.5	2,161,885	32	0.0000	1.0000	87.81
35.5	2,217,422	12,038	0.0054	0.9946	87.80
36.5	2,215,023	173	0.0001	0.9999	87.33
37.5	2,366,529	3,115	0.0013	0.9987	87.32
38.5	2,370,619	4,375	0.0018	0.9982	87.21

DUKE ENERGY OHIO

ACCOUNT 3610 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1884-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	2,318,715	1,173	0.0005	0.9995	87.04
40.5	2,264,183	657	0.0003	0.9997	87.00
41.5	2,210,038	220	0.0001	0.9999	86.98
42.5	2,236,745	4,291	0.0019	0.9981	86.97
43.5	2,226,524	2,404	0.0011	0.9989	86.80
44.5	2,066,272	554	0.0003	0.9997	86.71
45.5	1,764,916	1,185	0.0007	0.9993	86.68
46.5	1,762,052	7,152	0.0041	0.9959	86.63
47.5	1,720,141	6,088	0.0035	0.9965	86.27
48.5	1,644,839	8,103	0.0049	0.9951	85.97
49.5	1,541,369	74	0.0000	1.0000	85.54
50.5	1,531,206	874	0.0006	0.9994	85.54
51.5	1,528,310	1,936	0.0013	0.9987	85.49
52.5	1,516,832		0.0000	1.0000	85.38
53.5	1,521,637	7,041	0.0046	0.9954	85.38
54.5	1,495,349	95	0.0001	0.9999	84.99
55.5	1,449,077	2,782	0.0019	0.9981	84.98
56.5	1,398,464	3,752	0.0027	0.9973	84.82
57.5	1,392,762	1,335	0.0010	0.9990	84.59
58.5	1,358,465	215	0.0002	0.9998	84.51
59.5	1,354,810	1,042	0.0008	0.9992	84.50
60.5	1,290,496	24	0.0000	1.0000	84.43
61.5	1,284,629	2,724	0.0021	0.9979	84.43
62.5	1,281,177	39,627	0.0309	0.9691	84.25
63.5	1,226,228	98	0.0001	0.9999	81.65
64.5	1,209,275	405	0.0003	0.9997	81.64
65.5	1,174,660	2,460	0.0021	0.9979	81.61
66.5	1,128,659	3,538	0.0031	0.9969	81.44
67.5	1,118,610		0.0000	1.0000	81.19
68.5	992,439		0.0000	1.0000	81.19
69.5	992,436		0.0000	1.0000	81.19
70.5	990,794	846	0.0009	0.9991	81.19
71.5	990,012	11,214	0.0113	0.9887	81.12
72.5	978,798	137	0.0001	0.9999	80.20
73.5	943,205	3,141	0.0033	0.9967	80.19
74.5	936,805	2,544	0.0027	0.9973	79.92
75.5	933,657		0.0000	1.0000	79.70
76.5	908,292	343	0.0004	0.9996	79.70
77.5	907,353	94	0.0001	0.9999	79.67
78.5	519,099	1,974	0.0038	0.9962	79.66

DUKE ENERGY OHIO
ACCOUNT 3610 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1884-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	516,989		0.0000	1.0000	79.36
80.5	516,989		0.0000	1.0000	79.36
81.5	516,989	1,207	0.0023	0.9977	79.36
82.5	515,782		0.0000	1.0000	79.18
83.5	514,971		0.0000	1.0000	79.18
84.5	514,681	14,720	0.0286	0.9714	79.18
85.5	499,007	507	0.0010	0.9990	76.91
86.5	495,721	11,089	0.0224	0.9776	76.83
87.5	483,050	12,977	0.0269	0.9731	75.11
88.5	406,346		0.0000	1.0000	73.10
89.5	385,966		0.0000	1.0000	73.10
90.5	384,868	9,936	0.0258	0.9742	73.10
91.5	335,682		0.0000	1.0000	71.21
92.5	335,133		0.0000	1.0000	71.21
93.5	285,872	6,863	0.0240	0.9760	71.21
94.5	278,119		0.0000	1.0000	69.50
95.5	272,766		0.0000	1.0000	69.50
96.5	262,924	1,640	0.0062	0.9938	69.50
97.5	251,024	754	0.0030	0.9970	69.07
98.5	64,920		0.0000	1.0000	68.86
99.5	59,716		0.0000	1.0000	68.86
100.5	59,716	1,718	0.0288	0.9712	68.86
101.5	57,997		0.0000	1.0000	66.88
102.5	57,997		0.0000	1.0000	66.88
103.5	57,997		0.0000	1.0000	66.88
104.5	7,685		0.0000	1.0000	66.88
105.5	7,685		0.0000	1.0000	66.88
106.5	7,685		0.0000	1.0000	66.88
107.5	7,685		0.0000	1.0000	66.88
108.5	7,685		0.0000	1.0000	66.88
109.5	7,685		0.0000	1.0000	66.88
110.5	7,685		0.0000	1.0000	66.88
111.5	7,685		0.0000	1.0000	66.88
112.5	7,685	1,630	0.2121	0.7879	66.88
113.5	6,055		0.0000	1.0000	52.69
114.5					52.69

DUKE ENERGY OHIO

ACCOUNT 3610 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1902-2016

EXPERIENCE BAND 1996-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	14,703,409		0.0000	1.0000	100.00
0.5	15,012,182		0.0000	1.0000	100.00
1.5	15,008,644	3,102	0.0002	0.9998	100.00
2.5	14,181,744		0.0000	1.0000	99.98
3.5	11,324,090	46,561	0.0041	0.9959	99.98
4.5	8,948,854	44,892	0.0050	0.9950	99.57
5.5	5,636,857		0.0000	1.0000	99.07
6.5	5,066,158		0.0000	1.0000	99.07
7.5	4,543,176		0.0000	1.0000	99.07
8.5	3,684,878		0.0000	1.0000	99.07
9.5	3,015,553		0.0000	1.0000	99.07
10.5	1,866,884	82,668	0.0443	0.9557	99.07
11.5	2,724,531		0.0000	1.0000	94.68
12.5	2,724,531		0.0000	1.0000	94.68
13.5	2,427,224	60,966	0.0251	0.9749	94.68
14.5	2,257,289	16,260	0.0072	0.9928	92.30
15.5	2,202,186	4,382	0.0020	0.9980	91.64
16.5	2,237,909		0.0000	1.0000	91.46
17.5	2,159,566	67,878	0.0314	0.9686	91.46
18.5	2,139,218	148,576	0.0695	0.9305	88.58
19.5	2,044,000		0.0000	1.0000	82.43
20.5	1,882,585	4,913	0.0026	0.9974	82.43
21.5	1,569,584		0.0000	1.0000	82.21
22.5	1,632,405		0.0000	1.0000	82.21
23.5	1,635,678		0.0000	1.0000	82.21
24.5	1,929,197		0.0000	1.0000	82.21
25.5	1,905,096		0.0000	1.0000	82.21
26.5	1,932,641		0.0000	1.0000	82.21
27.5	1,996,008	4,483	0.0022	0.9978	82.21
28.5	2,044,062		0.0000	1.0000	82.03
29.5	2,004,031		0.0000	1.0000	82.03
30.5	2,167,545	17,568	0.0081	0.9919	82.03
31.5	2,159,047		0.0000	1.0000	81.36
32.5	1,007,079		0.0000	1.0000	81.36
33.5	1,027,075	6,152	0.0060	0.9940	81.36
34.5	1,005,774		0.0000	1.0000	80.88
35.5	1,075,171	10,813	0.0101	0.9899	80.88
36.5	1,065,688		0.0000	1.0000	80.06
37.5	1,059,044	2,918	0.0028	0.9972	80.06
38.5	1,059,566	4,375	0.0041	0.9959	79.84

DUKE ENERGY OHIO
ACCOUNT 3610 STRUCTURES AND IMPROVEMENTS
ORIGINAL LIFE TABLE, CONT.

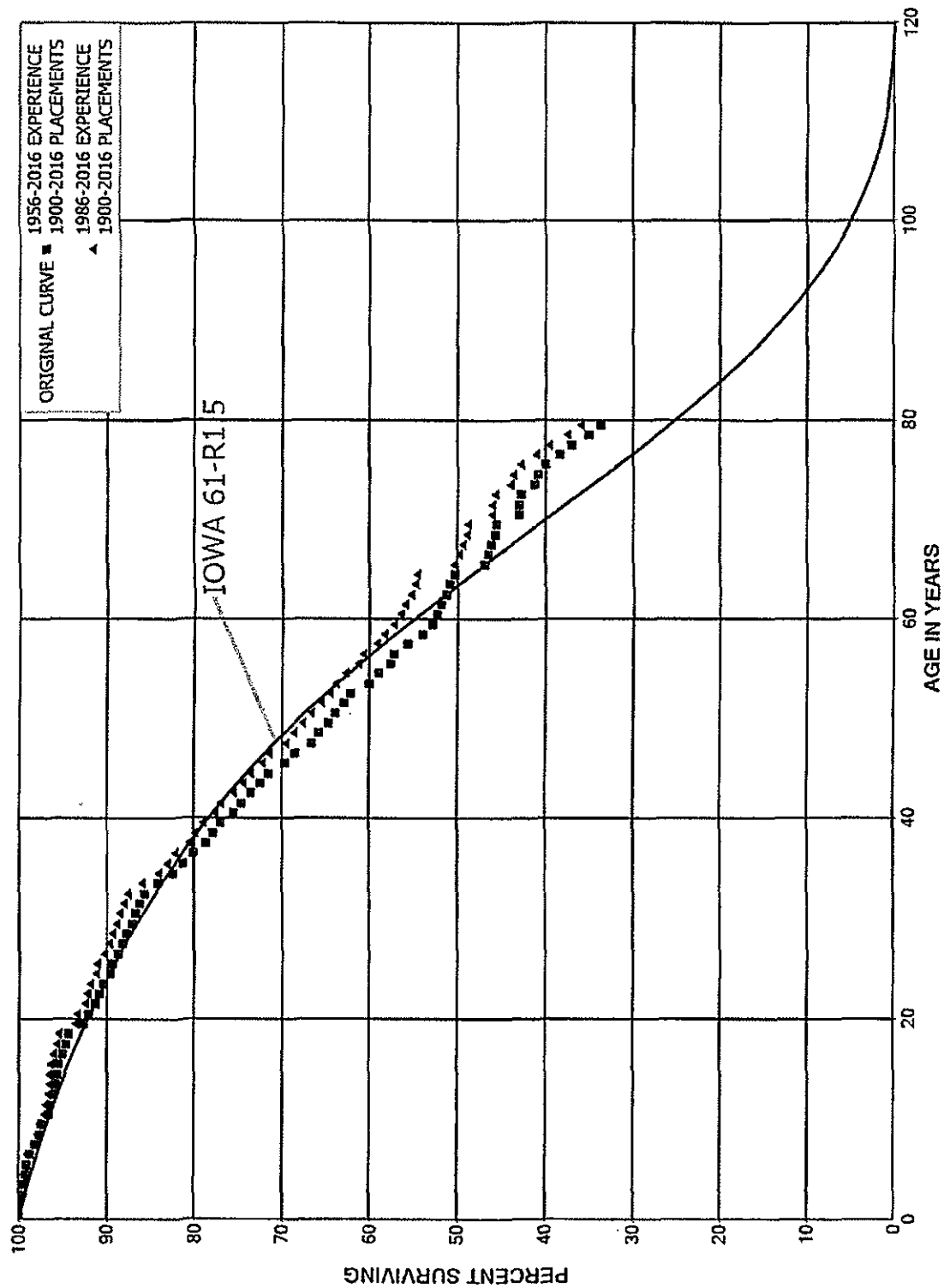
PLACEMENT BAND 1902-2016			EXPERIENCE BAND 1996-2016		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	1,080,889		0.0000	1.0000	79.51
40.5	1,033,373		0.0000	1.0000	79.51
41.5	980,614		0.0000	1.0000	79.51
42.5	1,025,883	1,381	0.0013	0.9987	79.51
43.5	1,001,474	2,105	0.0021	0.9979	79.41
44.5	874,966		0.0000	1.0000	79.24
45.5	618,111	671	0.0011	0.9989	79.24
46.5	622,271	7,049	0.0113	0.9887	79.15
47.5	707,105	5,511	0.0078	0.9922	78.26
48.5	632,384	7,969	0.0126	0.9874	77.65
49.5	530,689		0.0000	1.0000	76.67
50.5	521,643	874	0.0017	0.9983	76.67
51.5	518,747	809	0.0016	0.9984	76.54
52.5	563,127		0.0000	1.0000	76.42
53.5	560,842	5,744	0.0102	0.9898	76.42
54.5	538,676		0.0000	1.0000	75.64
55.5	520,325	1,384	0.0027	0.9973	75.64
56.5	472,049		0.0000	1.0000	75.44
57.5	858,597	1,335	0.0016	0.9984	75.44
58.5	824,435		0.0000	1.0000	75.32
59.5	821,089	1,042	0.0013	0.9987	75.32
60.5	756,776	24	0.0000	1.0000	75.22
61.5	750,909	2,724	0.0036	0.9964	75.22
62.5	748,267	31,225	0.0417	0.9583	74.95
63.5	702,011		0.0000	1.0000	71.82
64.5	686,109	405	0.0006	0.9994	71.82
65.5	654,274	2,460	0.0038	0.9962	71.78
66.5	627,625	470	0.0007	0.9993	71.51
67.5	697,435		0.0000	1.0000	71.46
68.5	605,266		0.0000	1.0000	71.46
69.5	606,361		0.0000	1.0000	71.46
70.5	654,638	846	0.0013	0.9987	71.46
71.5	654,340	11,214	0.0171	0.9829	71.36
72.5	692,862	73	0.0001	0.9999	70.14
73.5	658,224	3,141	0.0048	0.9952	70.13
74.5	664,039	2,544	0.0038	0.9962	69.80
75.5	670,734		0.0000	1.0000	69.53
76.5	655,628	343	0.0005	0.9995	69.53
77.5	840,039	94	0.0001	0.9999	69.49
78.5	458,630	1,974	0.0043	0.9957	69.49

DUKE ENERGY OHIO
ACCOUNT 3610 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1902-2016			EXPERIENCE BAND 1996-2016		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	456,519		0.0000	1.0000	69.19
80.5	456,519		0.0000	1.0000	69.19
81.5	456,519	1,207	0.0026	0.9974	69.19
82.5	455,312		0.0000	1.0000	69.00
83.5	507,286		0.0000	1.0000	69.00
84.5	506,996	14,720	0.0290	0.9710	69.00
85.5	491,323	507	0.0010	0.9990	67.00
86.5	488,036	11,089	0.0227	0.9773	66.93
87.5	475,366	12,977	0.0273	0.9727	65.41
88.5	398,661		0.0000	1.0000	63.63
89.5	378,281		0.0000	1.0000	63.63
90.5	377,183	9,936	0.0263	0.9737	63.63
91.5	327,997		0.0000	1.0000	61.95
92.5	327,449		0.0000	1.0000	61.95
93.5	285,872	6,863	0.0240	0.9760	61.95
94.5	278,119		0.0000	1.0000	60.46
95.5	272,766		0.0000	1.0000	60.46
96.5	262,924	1,640	0.0062	0.9938	60.46
97.5	251,024	754	0.0030	0.9970	60.09
98.5	64,920		0.0000	1.0000	59.90
99.5	59,716		0.0000	1.0000	59.90
100.5	59,716	1,718	0.0288	0.9712	59.90
101.5	57,997		0.0000	1.0000	58.18
102.5	57,997		0.0000	1.0000	58.18
103.5	57,997		0.0000	1.0000	58.18
104.5	7,685		0.0000	1.0000	58.18
105.5	7,685		0.0000	1.0000	58.18
106.5	7,685		0.0000	1.0000	58.18
107.5	7,685		0.0000	1.0000	58.18
108.5	7,685		0.0000	1.0000	58.18
109.5	7,685		0.0000	1.0000	58.18
110.5	7,685		0.0000	1.0000	58.18
111.5	7,685		0.0000	1.0000	58.18
112.5	7,685	1,630	0.2121	0.7879	58.18
113.5	6,055		0.0000	1.0000	45.84
114.5					45.84

DUKE ENERGY OHIO
ACCOUNT 3620 STATION EQUIPMENT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNT 3620 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1900-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	210,260,273	7,318	0.0000	1.0000	100.00
0.5	208,463,381	47,444	0.0002	0.9998	100.00
1.5	204,512,781	423,835	0.0021	0.9979	99.97
2.5	203,268,485	652,156	0.0032	0.9968	99.77
3.5	196,047,344	511,188	0.0026	0.9974	99.45
4.5	183,419,010	268,362	0.0015	0.9985	99.19
5.5	177,847,700	509,051	0.0029	0.9971	99.04
6.5	169,473,351	1,244,556	0.0073	0.9927	98.76
7.5	160,055,861	642,965	0.0040	0.9960	98.03
8.5	152,528,498	418,581	0.0027	0.9973	97.64
9.5	145,747,928	1,118,770	0.0077	0.9923	97.37
10.5	140,135,725	264,139	0.0019	0.9981	96.62
11.5	137,135,572	516,910	0.0038	0.9962	96.44
12.5	132,422,895	281,281	0.0021	0.9979	96.08
13.5	128,356,731	299,374	0.0023	0.9977	95.87
14.5	126,539,053	329,739	0.0026	0.9974	95.65
15.5	123,170,864	508,624	0.0041	0.9959	95.40
16.5	121,305,121	475,390	0.0039	0.9961	95.01
17.5	119,788,839	488,748	0.0041	0.9959	94.64
18.5	117,862,071	2,085,894	0.0177	0.9823	94.25
19.5	105,724,129	542,740	0.0051	0.9949	92.58
20.5	102,060,084	964,473	0.0095	0.9905	92.11
21.5	94,246,713	447,641	0.0047	0.9953	91.24
22.5	89,784,620	413,123	0.0046	0.9954	90.80
23.5	85,493,913	746,383	0.0087	0.9913	90.38
24.5	80,230,343	160,282	0.0020	0.9980	89.60
25.5	77,094,856	550,764	0.0071	0.9929	89.42
26.5	75,322,693	504,837	0.0067	0.9933	88.78
27.5	64,254,131	368,555	0.0057	0.9943	88.18
28.5	63,700,893	453,121	0.0071	0.9929	87.68
29.5	63,434,274	274,390	0.0043	0.9957	87.05
30.5	63,044,133	261,554	0.0041	0.9959	86.68
31.5	60,981,996	418,356	0.0069	0.9931	86.32
32.5	55,913,342	1,028,386	0.0184	0.9816	85.72
33.5	51,942,400	1,090,460	0.0210	0.9790	84.15
34.5	48,223,720	619,985	0.0129	0.9871	82.38
35.5	44,802,322	648,797	0.0145	0.9855	81.32
36.5	42,280,547	758,412	0.0179	0.9821	80.14
37.5	40,601,189	362,898	0.0089	0.9911	78.71
38.5	39,456,794	513,049	0.0130	0.9870	78.00

DUKE ENERGY OHIO

ACCOUNT 3620 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	37,560,390	713,407	0.0190	0.9810	76.99
40.5	34,793,391	399,106	0.0115	0.9885	75.53
41.5	32,919,156	532,940	0.0162	0.9838	74.66
42.5	30,733,819	447,642	0.0146	0.9854	73.45
43.5	28,344,517	337,786	0.0119	0.9881	72.38
44.5	24,366,073	662,566	0.0272	0.9728	71.52
45.5	22,227,068	325,260	0.0146	0.9854	69.57
46.5	21,833,633	633,279	0.0290	0.9710	68.56
47.5	20,152,682	214,243	0.0106	0.9894	66.57
48.5	18,918,776	315,932	0.0167	0.9833	65.86
49.5	17,722,062	231,863	0.0131	0.9869	64.76
50.5	16,833,619	257,206	0.0153	0.9847	63.91
51.5	16,014,555	192,804	0.0120	0.9880	62.94
52.5	14,940,071	507,629	0.0340	0.9660	62.18
53.5	14,095,000	249,526	0.0177	0.9823	60.07
54.5	13,509,857	307,521	0.0228	0.9772	59.00
55.5	12,242,548	91,552	0.0075	0.9925	57.66
56.5	11,553,141	320,949	0.0278	0.9722	57.23
57.5	10,845,324	332,041	0.0306	0.9694	55.64
58.5	9,278,217	180,526	0.0195	0.9805	53.94
59.5	8,362,954	99,763	0.0119	0.9881	52.89
60.5	7,629,795	65,250	0.0086	0.9914	52.26
61.5	6,227,177	61,853	0.0099	0.9901	51.81
62.5	5,639,682	52,192	0.0093	0.9907	51.29
63.5	4,631,381	51,833	0.0112	0.9888	50.82
64.5	4,190,404	281,945	0.0673	0.9327	50.25
65.5	3,745,880	40,917	0.0109	0.9891	46.87
66.5	3,440,791	24,512	0.0071	0.9929	46.36
67.5	3,254,661	28,195	0.0087	0.9913	46.03
68.5	2,729,050	9,677	0.0035	0.9965	45.63
69.5	2,708,609	149,626	0.0552	0.9448	45.47
70.5	2,540,341	1,521	0.0006	0.9994	42.95
71.5	2,529,020	14,208	0.0056	0.9944	42.93
72.5	2,518,772	91,404	0.0363	0.9637	42.69
73.5	2,285,952	19,483	0.0085	0.9915	41.14
74.5	2,237,060	45,349	0.0203	0.9797	40.79
75.5	2,178,063	89,035	0.0409	0.9591	39.96
76.5	1,963,235	68,348	0.0348	0.9652	38.33
77.5	1,765,524	98,060	0.0555	0.9445	36.99
78.5	1,121,964	43,757	0.0390	0.9610	34.94

DUKE ENERGY OHIO
ACCOUNT 3620 STATION EQUIPMENT
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2016			EXPERIENCE BAND 1956-2016		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	1,078,718	9,311	0.0086	0.9914	33.58
80.5	1,065,390		0.0000	1.0000	33.29
81.5	1,063,816	35,000	0.0329	0.9671	33.29
82.5	1,028,331	159	0.0002	0.9998	32.19
83.5	1,028,172	33,517	0.0326	0.9674	32.19
84.5	992,066	45,668	0.0460	0.9540	31.14
85.5	934,139	4,477	0.0048	0.9952	29.70
86.5	888,160	30,276	0.0341	0.9659	29.56
87.5	816,825	68,809	0.0842	0.9158	28.55
88.5	743,894	46,790	0.0629	0.9371	26.15
89.5	602,858	37,054	0.0615	0.9385	24.50
90.5	337,133	2,572	0.0076	0.9924	23.00
91.5	333,083	9,034	0.0271	0.9729	22.82
92.5	323,892		0.0000	1.0000	22.20
93.5	228,434	3,881	0.0170	0.9830	22.20
94.5	223,356	653	0.0029	0.9971	21.83
95.5	198,650	433	0.0022	0.9978	21.76
96.5	176,492	27,714	0.1570	0.8430	21.71
97.5	148,777	45,780	0.3077	0.6923	18.30
98.5	44,560		0.0000	1.0000	12.67
99.5	44,560		0.0000	1.0000	12.67
100.5	44,560	7,134	0.1601	0.8399	12.67
101.5	37,426		0.0000	1.0000	10.64
102.5	35,821		0.0000	1.0000	10.64
103.5	10,587		0.0000	1.0000	10.64
104.5	10,587		0.0000	1.0000	10.64
105.5	10,587		0.0000	1.0000	10.64
106.5	10,587		0.0000	1.0000	10.64
107.5	10,587		0.0000	1.0000	10.64
108.5	10,587		0.0000	1.0000	10.64
109.5	10,587		0.0000	1.0000	10.64
110.5	10,587		0.0000	1.0000	10.64
111.5	10,587		0.0000	1.0000	10.64
112.5	10,587		0.0000	1.0000	10.64
113.5	10,587		0.0000	1.0000	10.64
114.5	10,587		0.0000	1.0000	10.64
115.5	10,587		0.0000	1.0000	10.64
116.5					10.64

DUKE ENERGY OHIO

ACCOUNT 3620 STATION EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1900-2016

EXPERIENCE BAND 1986-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	149,388,362		0.0000	1.0000	100.00
0.5	148,022,961	4,430	0.0000	1.0000	100.00
1.5	147,925,480	218,813	0.0015	0.9985	100.00
2.5	150,410,466	601,693	0.0040	0.9960	99.85
3.5	145,541,357	289,248	0.0020	0.9980	99.45
4.5	136,486,666	238,125	0.0017	0.9983	99.25
5.5	132,363,691	307,114	0.0023	0.9977	99.08
6.5	125,087,103	1,037,046	0.0083	0.9917	98.85
7.5	115,854,545	384,829	0.0033	0.9967	98.03
8.5	109,757,980	273,193	0.0025	0.9975	97.70
9.5	104,615,223	607,154	0.0058	0.9942	97.46
10.5	102,148,204	99,336	0.0010	0.9990	96.90
11.5	101,278,631	275,186	0.0027	0.9973	96.80
12.5	98,583,296	103,867	0.0011	0.9989	96.54
13.5	98,680,644	80,105	0.0008	0.9992	96.44
14.5	100,818,795	209,233	0.0021	0.9979	96.36
15.5	97,673,228	377,073	0.0039	0.9961	96.16
16.5	96,997,713	237,614	0.0024	0.9976	95.79
17.5	96,098,185	282,807	0.0029	0.9971	95.55
18.5	95,602,046	1,827,680	0.0191	0.9809	95.27
19.5	84,716,527	268,888	0.0032	0.9968	93.45
20.5	82,299,644	761,664	0.0093	0.9907	93.15
21.5	75,674,984	213,796	0.0028	0.9972	92.29
22.5	72,132,355	231,912	0.0032	0.9968	92.03
23.5	68,476,911	527,526	0.0077	0.9923	91.73
24.5	64,671,441	74,260	0.0011	0.9989	91.03
25.5	62,439,324	491,703	0.0079	0.9921	90.92
26.5	61,705,385	450,225	0.0073	0.9927	90.21
27.5	52,058,758	218,654	0.0042	0.9958	89.55
28.5	52,382,899	266,911	0.0051	0.9949	89.17
29.5	52,729,379	205,421	0.0039	0.9961	88.72
30.5	53,930,816	222,484	0.0041	0.9959	88.37
31.5	52,231,227	321,186	0.0061	0.9939	88.01
32.5	48,384,241	930,706	0.0192	0.9808	87.47
33.5	44,896,615	990,298	0.0221	0.9779	85.78
34.5	41,529,416	489,714	0.0118	0.9882	83.89
35.5	38,481,921	403,853	0.0105	0.9895	82.90
36.5	36,886,475	692,909	0.0188	0.9812	82.03
37.5	35,862,718	308,515	0.0086	0.9914	80.49
38.5	34,386,383	412,088	0.0120	0.9880	79.80

DUKE ENERGY OHIO

ACCOUNT 3620 STATION EQUIPMENT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2016

EXPERIENCE BAND 1986-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	32,687,113	556,743	0.0170	0.9830	78.84
40.5	30,073,815	279,396	0.0093	0.9907	77.50
41.5	28,315,223	514,582	0.0182	0.9818	76.78
42.5	26,290,184	380,197	0.0145	0.9855	75.38
43.5	24,066,510	276,347	0.0115	0.9885	74.29
44.5	20,198,021	387,919	0.0192	0.9808	73.44
45.5	18,346,458	180,982	0.0099	0.9901	72.03
46.5	18,317,139	507,876	0.0277	0.9723	71.32
47.5	17,577,072	210,719	0.0120	0.9880	69.34
48.5	16,493,950	252,061	0.0153	0.9847	68.51
49.5	15,366,965	216,199	0.0141	0.9859	67.46
50.5	14,495,768	256,174	0.0177	0.9823	66.52
51.5	13,678,220	188,031	0.0137	0.9863	65.34
52.5	12,608,510	134,517	0.0107	0.9893	64.44
53.5	12,139,140	208,637	0.0172	0.9828	63.75
54.5	11,609,015	272,178	0.0234	0.9766	62.66
55.5	10,432,038	91,552	0.0088	0.9912	61.19
56.5	9,830,810	263,375	0.0268	0.9732	60.65
57.5	9,331,886	141,023	0.0151	0.9849	59.03
58.5	8,085,413	148,594	0.0184	0.9816	58.14
59.5	7,643,160	98,974	0.0129	0.9871	57.07
60.5	6,927,812	65,250	0.0094	0.9906	56.33
61.5	5,525,457	61,853	0.0112	0.9888	55.80
62.5	5,089,114	52,192	0.0103	0.9897	55.17
63.5	4,082,168	17,685	0.0043	0.9957	54.61
64.5	3,699,736	281,945	0.0762	0.9238	54.37
65.5	3,359,278	40,917	0.0122	0.9878	50.23
66.5	3,054,188	24,512	0.0080	0.9920	49.62
67.5	3,027,798	28,195	0.0093	0.9907	49.22
68.5	2,664,541	9,677	0.0036	0.9964	48.76
69.5	2,647,912	149,626	0.0565	0.9435	48.58
70.5	2,479,644	1,521	0.0006	0.9994	45.84
71.5	2,473,286	14,208	0.0057	0.9943	45.81
72.5	2,508,185	91,404	0.0364	0.9636	45.55
73.5	2,275,365	19,483	0.0086	0.9914	43.89
74.5	2,226,473	45,349	0.0204	0.9796	43.51
75.5	2,167,476	89,035	0.0411	0.9589	42.62
76.5	1,952,648	68,348	0.0350	0.9650	40.87
77.5	1,754,937	98,060	0.0559	0.9441	39.44
78.5	1,111,377	43,757	0.0394	0.9606	37.24

DUKE ENERGY OHIO

ACCOUNT 3620 STATION EQUIPMENT

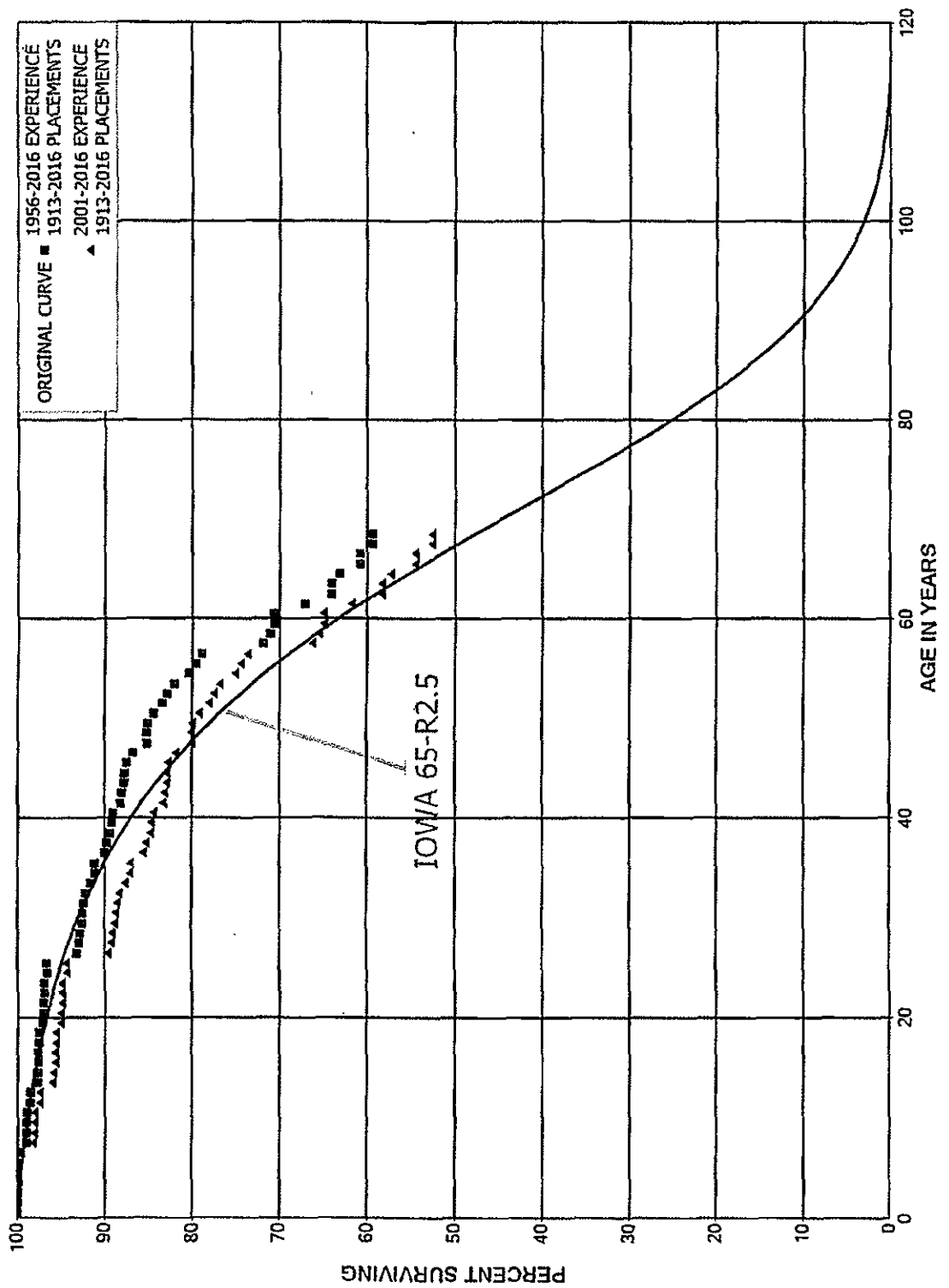
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2016

EXPERIENCE BAND 1986-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	1,068,131	9,311	0.0087	0.9913	35.77
80.5	1,054,803		0.0000	1.0000	35.46
81.5	1,053,229	35,000	0.0332	0.9668	35.46
82.5	1,017,744	159	0.0002	0.9998	34.28
83.5	1,017,585	33,517	0.0329	0.9671	34.28
84.5	981,479	45,668	0.0465	0.9535	33.15
85.5	934,139	4,477	0.0048	0.9952	31.61
86.5	888,160	30,276	0.0341	0.9659	31.45
87.5	816,825	68,809	0.0842	0.9158	30.38
88.5	743,894	46,790	0.0629	0.9371	27.82
89.5	602,858	37,054	0.0615	0.9385	26.07
90.5	337,133	2,572	0.0076	0.9924	24.47
91.5	333,083	9,034	0.0271	0.9729	24.28
92.5	323,892		0.0000	1.0000	23.62
93.5	228,434	3,881	0.0170	0.9830	23.62
94.5	223,356	653	0.0029	0.9971	23.22
95.5	198,650	433	0.0022	0.9978	23.16
96.5	176,492	27,714	0.1570	0.8430	23.10
97.5	148,777	45,780	0.3077	0.6923	19.48
98.5	44,560		0.0000	1.0000	13.48
99.5	44,560		0.0000	1.0000	13.48
100.5	44,560	7,134	0.1601	0.8399	13.48
101.5	37,426		0.0000	1.0000	11.32
102.5	35,821		0.0000	1.0000	11.32
103.5	10,587		0.0000	1.0000	11.32
104.5	10,587		0.0000	1.0000	11.32
105.5	10,587		0.0000	1.0000	11.32
106.5	10,587		0.0000	1.0000	11.32
107.5	10,587		0.0000	1.0000	11.32
108.5	10,587		0.0000	1.0000	11.32
109.5	10,587		0.0000	1.0000	11.32
110.5	10,587		0.0000	1.0000	11.32
111.5	10,587		0.0000	1.0000	11.32
112.5	10,587		0.0000	1.0000	11.32
113.5	10,587		0.0000	1.0000	11.32
114.5	10,587		0.0000	1.0000	11.32
115.5	10,587		0.0000	1.0000	11.32
116.5					11.32

DUKE ENERGY OHIO
ACCOUNT 3622 STATION EQUIPMENT - MAJOR
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNT 3622 STATION EQUIPMENT - MAJOR

ORIGINAL LIFE TABLE

PLACEMENT BAND 1913-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	115,840,449		0.0000	1.0000	100.00
0.5	111,554,330		0.0000	1.0000	100.00
1.5	109,060,788		0.0000	1.0000	100.00
2.5	108,893,166		0.0000	1.0000	100.00
3.5	108,204,763		0.0000	1.0000	100.00
4.5	103,773,397	47,743	0.0005	0.9995	100.00
5.5	101,472,230	258,556	0.0025	0.9975	99.95
6.5	99,023,778	727,117	0.0073	0.9927	99.70
7.5	93,682,221	43,494	0.0005	0.9995	98.97
8.5	88,257,368	14,969	0.0002	0.9998	98.92
9.5	81,474,852	62,645	0.0008	0.9992	98.90
10.5	75,183,148	207,225	0.0028	0.9972	98.83
11.5	71,322,577	10,066	0.0001	0.9999	98.56
12.5	67,506,089	566,155	0.0084	0.9916	98.54
13.5	62,416,502	17,142	0.0003	0.9997	97.72
14.5	60,641,287	68,751	0.0011	0.9989	97.69
15.5	57,340,063		0.0000	1.0000	97.58
16.5	56,120,198	52,276	0.0009	0.9991	97.58
17.5	54,080,382	8,929	0.0002	0.9998	97.49
18.5	54,612,579	183,950	0.0034	0.9966	97.47
19.5	54,459,918	35,086	0.0006	0.9994	97.14
20.5	54,579,193	27,707	0.0005	0.9995	97.08
21.5	48,317,837	15,759	0.0003	0.9997	97.03
22.5	46,476,736	10,936	0.0002	0.9998	97.00
23.5	42,923,064	156,388	0.0036	0.9964	96.98
24.5	41,103,229	16,648	0.0004	0.9996	96.62
25.5	37,593,492	1,324,636	0.0352	0.9648	96.58
26.5	34,888,305	91,759	0.0026	0.9974	93.18
27.5	30,937,523	26,859	0.0009	0.9991	92.94
28.5	30,216,667	107,786	0.0036	0.9964	92.86
29.5	30,061,010	13,863	0.0005	0.9995	92.52
30.5	30,192,092	39,997	0.0013	0.9987	92.48
31.5	29,451,753	43,139	0.0015	0.9985	92.36
32.5	26,367,005	168,776	0.0064	0.9936	92.22
33.5	22,685,463	116,590	0.0051	0.9949	91.63
34.5	20,541,255	23,106	0.0011	0.9989	91.16
35.5	18,287,518	227,136	0.0124	0.9876	91.06
36.5	16,677,836	39,454	0.0024	0.9976	89.93
37.5	15,653,702	58,964	0.0038	0.9962	89.72
38.5	15,301,310	26,381	0.0017	0.9983	89.38

DUKE ENERGY OHIO

ACCOUNT 3622 STATION EQUIPMENT - MAJOR

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1913-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	15,220,944	20,622	0.0014	0.9986	89.22
40.5	14,191,951	156,066	0.0110	0.9890	89.10
41.5	13,311,664	30,285	0.0023	0.9977	88.12
42.5	12,464,054	24,809	0.0020	0.9980	87.92
43.5	11,710,377	582	0.0000	1.0000	87.75
44.5	9,737,044	21,025	0.0022	0.9978	87.74
45.5	8,539,177	81,289	0.0095	0.9905	87.55
46.5	8,230,665	145,196	0.0176	0.9824	86.72
47.5	7,405,110	1,268	0.0002	0.9998	85.19
48.5	6,744,129	6,958	0.0010	0.9990	85.18
49.5	6,305,694	53,351	0.0085	0.9915	85.09
50.5	6,038,415	72,227	0.0120	0.9880	84.37
51.5	5,605,670	36,181	0.0065	0.9935	83.36
52.5	5,138,279	45,705	0.0089	0.9911	82.82
53.5	5,282,120	109,647	0.0208	0.9792	82.08
54.5	4,878,849	44,157	0.0091	0.9909	80.38
55.5	4,214,350	37,230	0.0088	0.9912	79.65
56.5	3,395,019	305,644	0.0900	0.9100	78.95
57.5	2,876,544	29,392	0.0102	0.9898	71.84
58.5	2,346,090	16,711	0.0071	0.9929	71.11
59.5	2,144,904	872	0.0004	0.9996	70.60
60.5	1,781,898	88,074	0.0494	0.9506	70.57
61.5	1,517,040	69,488	0.0458	0.9542	67.08
62.5	1,186,357		0.0000	1.0000	64.01
63.5	1,039,667	14,181	0.0136	0.9864	64.01
64.5	893,241	32,183	0.0360	0.9640	63.14
65.5	728,976		0.0000	1.0000	60.86
66.5	660,202	16,106	0.0244	0.9756	60.86
67.5	412,232		0.0000	1.0000	59.38
68.5	330,749		0.0000	1.0000	59.38
69.5	330,749		0.0000	1.0000	59.38
70.5	328,610	7,817	0.0238	0.9762	59.38
71.5	321,154	1,201	0.0037	0.9963	57.97
72.5	319,592	15,240	0.0477	0.9523	57.75
73.5	300,608		0.0000	1.0000	55.00
74.5	328,676		0.0000	1.0000	55.00
75.5	322,060		0.0000	1.0000	55.00
76.5	332,970		0.0000	1.0000	55.00
77.5	290,528	26,181	0.0901	0.9099	55.00
78.5	264,346	16,430	0.0622	0.9378	50.04

DUKE ENERGY OHIO

ACCOUNT 3622 STATION EQUIPMENT - MAJOR

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1913-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	238,782		0.0000	1.0000	46.93
80.5	227,412		0.0000	1.0000	46.93
81.5	227,412	9,029	0.0397	0.9603	46.93
82.5	218,383		0.0000	1.0000	45.07
83.5	218,383		0.0000	1.0000	45.07
84.5	218,383		0.0000	1.0000	45.07
85.5	218,383	12,440	0.0570	0.9430	45.07
86.5	205,943	46,639	0.2265	0.7735	42.50
87.5	111,002		0.0000	1.0000	32.87
88.5	87,983		0.0000	1.0000	32.87
89.5	77,794	8,802	0.1131	0.8869	32.87
90.5	58,083		0.0000	1.0000	29.16
91.5	58,083		0.0000	1.0000	29.16
92.5	45,783		0.0000	1.0000	29.16
93.5	39,610	16,519	0.4170	0.5830	29.16
94.5	23,091		0.0000	1.0000	17.00
95.5	23,091		0.0000	1.0000	17.00
96.5	10,140		0.0000	1.0000	17.00
97.5	10,140		0.0000	1.0000	17.00
98.5	10,140		0.0000	1.0000	17.00
99.5	10,140		0.0000	1.0000	17.00
100.5	10,140	10,140	1.0000		17.00
101.5					

DUKE ENERGY OHIO

ACCOUNT 3622 STATION EQUIPMENT - MAJOR

ORIGINAL LIFE TABLE

PLACEMENT BAND 1913-2016

EXPERIENCE BAND 2001-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	59,148,779		0.0000	1.0000	100.00
0.5	55,942,115		0.0000	1.0000	100.00
1.5	55,366,371		0.0000	1.0000	100.00
2.5	55,514,548		0.0000	1.0000	100.00
3.5	54,639,031		0.0000	1.0000	100.00
4.5	50,547,626	47,743	0.0009	0.9991	100.00
5.5	54,220,944	258,556	0.0048	0.9952	99.91
6.5	53,611,506	727,117	0.0136	0.9864	99.43
7.5	51,638,886	43,494	0.0008	0.9992	98.08
8.5	47,959,171	14,969	0.0003	0.9997	98.00
9.5	44,095,200	62,645	0.0014	0.9986	97.97
10.5	40,076,668	207,225	0.0052	0.9948	97.83
11.5	39,768,820	10,066	0.0003	0.9997	97.32
12.5	36,708,113	566,155	0.0154	0.9846	97.30
13.5	32,030,167	17,142	0.0005	0.9995	95.80
14.5	30,930,081	68,751	0.0022	0.9978	95.75
15.5	28,421,968		0.0000	1.0000	95.53
16.5	31,414,465	52,276	0.0017	0.9983	95.53
17.5	32,158,608	8,929	0.0003	0.9997	95.37
18.5	34,968,931	183,950	0.0053	0.9947	95.35
19.5	37,585,934	10,291	0.0003	0.9997	94.85
20.5	39,318,791	27,707	0.0007	0.9993	94.82
21.5	34,265,773	15,759	0.0005	0.9995	94.75
22.5	32,710,283	10,936	0.0003	0.9997	94.71
23.5	29,463,199	156,388	0.0053	0.9947	94.68
24.5	28,734,318	7,106	0.0002	0.9998	94.18
25.5	26,463,039	1,324,636	0.0501	0.9499	94.15
26.5	24,956,182	91,759	0.0037	0.9963	89.44
27.5	21,568,624	26,859	0.0012	0.9988	89.11
28.5	22,578,097	107,786	0.0048	0.9952	89.00
29.5	23,359,085	13,863	0.0006	0.9994	88.57
30.5	23,746,408	39,997	0.0017	0.9983	88.52
31.5	23,587,807	43,139	0.0018	0.9982	88.37
32.5	21,188,230	168,776	0.0080	0.9920	88.21
33.5	17,758,104	116,590	0.0066	0.9934	87.51
34.5	15,684,071	23,106	0.0015	0.9985	86.93
35.5	13,581,753	227,136	0.0167	0.9833	86.81
36.5	12,467,827	39,454	0.0032	0.9968	85.35
37.5	11,511,224	58,964	0.0051	0.9949	85.08
38.5	11,450,472	26,381	0.0023	0.9977	84.65

DUKE ENERGY OHIO

ACCOUNT 3622 STATION EQUIPMENT - MAJOR

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1913-2016

EXPERIENCE BAND 2001-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	11,758,768	20,622	0.0018	0.9982	84.45
40.5	11,208,964	156,066	0.0139	0.9861	84.31
41.5	10,586,532	30,285	0.0029	0.9971	83.13
42.5	10,118,979	24,809	0.0025	0.9975	82.89
43.5	9,550,001	582	0.0001	0.9999	82.69
44.5	7,937,444	2,937	0.0004	0.9996	82.69
45.5	6,932,028	81,289	0.0117	0.9883	82.65
46.5	6,914,218	145,196	0.0210	0.9790	81.69
47.5	6,240,056	1,268	0.0002	0.9998	79.97
48.5	5,766,190	6,958	0.0012	0.9988	79.95
49.5	5,471,491	53,351	0.0098	0.9902	79.86
50.5	5,270,338	72,227	0.0137	0.9863	79.08
51.5	4,926,078	36,181	0.0073	0.9927	78.00
52.5	4,778,813	45,705	0.0096	0.9904	77.42
53.5	4,922,655	109,647	0.0223	0.9777	76.68
54.5	4,521,523	44,157	0.0098	0.9902	74.97
55.5	3,857,024	37,230	0.0097	0.9903	74.24
56.5	3,037,693	305,644	0.1006	0.8994	73.52
57.5	2,522,962	29,392	0.0116	0.9884	66.13
58.5	2,008,948	16,711	0.0083	0.9917	65.36
59.5	1,814,377	872	0.0005	0.9995	64.81
60.5	1,451,371	71,681	0.0494	0.9506	64.78
61.5	1,249,383	69,488	0.0556	0.9444	61.58
62.5	945,631		0.0000	1.0000	58.16
63.5	808,076	14,181	0.0175	0.9825	58.16
64.5	673,019	32,183	0.0478	0.9522	57.14
65.5	508,754		0.0000	1.0000	54.40
66.5	439,980	16,106	0.0366	0.9634	54.40
67.5	192,011		0.0000	1.0000	52.41
68.5	110,527		0.0000	1.0000	52.41
69.5	110,527		0.0000	1.0000	52.41
70.5	108,388	7,817	0.0721	0.9279	52.41
71.5	133,607	1,201	0.0090	0.9910	48.63
72.5	154,960	15,240	0.0983	0.9017	48.20
73.5	157,561		0.0000	1.0000	43.46
74.5	226,217		0.0000	1.0000	43.46
75.5	219,601		0.0000	1.0000	43.46
76.5	242,811		0.0000	1.0000	43.46
77.5	215,570	26,181	0.1215	0.8785	43.46
78.5	189,389	16,430	0.0868	0.9132	38.18

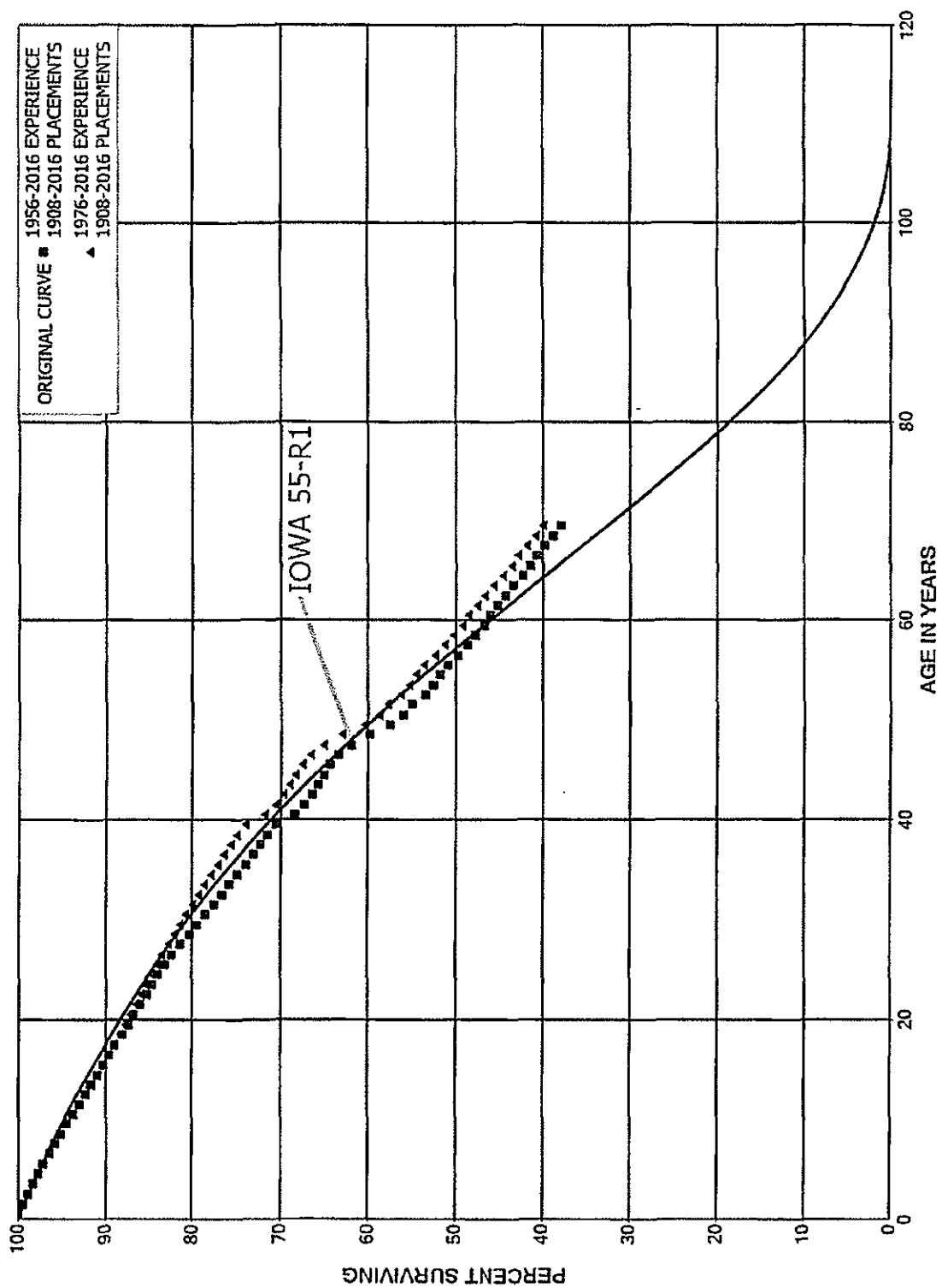
DUKE ENERGY OHIO

ACCOUNT 3622 STATION EQUIPMENT - MAJOR

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1913-2016			EXPERIENCE BAND 2001-2016		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	163,824		0.0000	1.0000	34.87
80.5	181,924		0.0000	1.0000	34.87
81.5	181,924	9,029	0.0496	0.9504	34.87
82.5	208,243		0.0000	1.0000	33.14
83.5	208,243		0.0000	1.0000	33.14
84.5	208,243		0.0000	1.0000	33.14
85.5	208,243	12,440	0.0597	0.9403	33.14
86.5	195,803	46,639	0.2382	0.7618	31.16
87.5	111,002		0.0000	1.0000	23.74
88.5	87,983		0.0000	1.0000	23.74
89.5	77,794	8,802	0.1131	0.8869	23.74
90.5	58,083		0.0000	1.0000	21.05
91.5	58,083		0.0000	1.0000	21.05
92.5	45,783		0.0000	1.0000	21.05
93.5	39,610	16,519	0.4170	0.5830	21.05
94.5	23,091		0.0000	1.0000	12.27
95.5	23,091		0.0000	1.0000	12.27
96.5	10,140		0.0000	1.0000	12.27
97.5	10,140		0.0000	1.0000	12.27
98.5	10,140		0.0000	1.0000	12.27
99.5	10,140		0.0000	1.0000	12.27
100.5	10,140	10,140	1.0000		12.27
101.5					

DUKE ENERGY OHIO
ACCOUNT 3640 POLES, TOWERS AND FIXTURES
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNT 3640 POLES, TOWERS AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1908-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	419,865,090	460,039	0.0011	0.9989	100.00
0.5	398,073,810	1,806,185	0.0045	0.9955	99.89
1.5	364,549,535	2,141,214	0.0059	0.9941	99.44
2.5	346,607,031	2,047,815	0.0059	0.9941	98.85
3.5	293,551,215	1,754,239	0.0060	0.9940	98.27
4.5	265,930,867	1,428,879	0.0054	0.9946	97.68
5.5	260,472,131	1,932,760	0.0074	0.9926	97.16
6.5	246,465,570	1,636,401	0.0066	0.9934	96.44
7.5	235,720,215	1,559,181	0.0066	0.9934	95.80
8.5	233,606,752	1,601,822	0.0069	0.9931	95.16
9.5	225,248,651	1,764,690	0.0078	0.9922	94.51
10.5	215,838,798	1,854,434	0.0086	0.9914	93.77
11.5	206,023,029	1,438,158	0.0070	0.9930	92.96
12.5	197,217,012	1,337,478	0.0068	0.9932	92.31
13.5	193,787,047	1,439,221	0.0074	0.9926	91.69
14.5	188,626,735	1,453,545	0.0077	0.9923	91.01
15.5	184,117,952	1,490,630	0.0081	0.9919	90.31
16.5	177,364,176	1,332,008	0.0075	0.9925	89.58
17.5	168,109,870	1,583,940	0.0094	0.9906	88.90
18.5	159,089,319	1,123,637	0.0071	0.9929	88.06
19.5	150,972,611	1,135,113	0.0075	0.9925	87.44
20.5	143,447,128	1,241,164	0.0087	0.9913	86.79
21.5	134,481,581	1,161,688	0.0086	0.9914	86.03
22.5	125,632,960	907,553	0.0072	0.9928	85.29
23.5	116,562,849	1,031,536	0.0088	0.9912	84.68
24.5	108,024,264	1,009,562	0.0093	0.9907	83.93
25.5	101,491,611	977,255	0.0096	0.9904	83.14
26.5	95,101,547	1,148,439	0.0121	0.9879	82.34
27.5	88,661,177	1,101,350	0.0124	0.9876	81.35
28.5	83,471,560	871,305	0.0104	0.9896	80.34
29.5	78,603,387	932,410	0.0119	0.9881	79.50
30.5	73,946,967	939,802	0.0127	0.9873	78.55
31.5	69,425,801	805,033	0.0116	0.9884	77.56
32.5	65,550,853	691,229	0.0105	0.9895	76.66
33.5	61,157,233	741,720	0.0121	0.9879	75.85
34.5	56,579,576	695,551	0.0123	0.9877	74.93
35.5	52,838,029	634,302	0.0120	0.9880	74.01
36.5	48,410,593	569,811	0.0118	0.9882	73.12
37.5	44,318,379	478,957	0.0108	0.9892	72.26
38.5	41,038,592	563,893	0.0137	0.9863	71.48

DUKE ENERGY OHIO

ACCOUNT 3640 POLES, TOWERS AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	38,165,354	1,150,372	0.0301	0.9699	70.50
40.5	34,508,891	568,292	0.0165	0.9835	68.37
41.5	31,787,365	383,778	0.0121	0.9879	67.24
42.5	29,046,766	311,091	0.0107	0.9893	66.43
43.5	26,342,856	252,598	0.0096	0.9904	65.72
44.5	24,386,513	276,483	0.0113	0.9887	65.09
45.5	22,523,113	347,547	0.0154	0.9846	64.35
46.5	20,464,971	463,398	0.0226	0.9774	63.36
47.5	18,084,532	598,601	0.0331	0.9669	61.93
48.5	15,903,444	625,471	0.0393	0.9607	59.88
49.5	14,191,218	396,401	0.0279	0.9721	57.52
50.5	12,632,349	217,724	0.0172	0.9828	55.91
51.5	11,503,439	315,984	0.0275	0.9725	54.95
52.5	10,659,537	187,127	0.0176	0.9824	53.44
53.5	9,819,673	141,811	0.0144	0.9856	52.50
54.5	8,960,667	154,238	0.0172	0.9828	51.74
55.5	8,061,088	182,873	0.0227	0.9773	50.85
56.5	6,945,940	147,807	0.0213	0.9787	49.70
57.5	6,068,724	118,433	0.0195	0.9805	48.64
58.5	5,222,289	102,239	0.0196	0.9804	47.69
59.5	4,467,067	64,546	0.0144	0.9856	46.76
60.5	3,719,817	76,625	0.0206	0.9794	46.08
61.5	3,126,088	56,111	0.0179	0.9821	45.13
62.5	2,620,050	58,102	0.0222	0.9778	44.32
63.5	2,065,642	48,673	0.0236	0.9764	43.34
64.5	1,729,428	38,934	0.0225	0.9775	42.32
65.5	1,405,485	26,838	0.0191	0.9809	41.37
66.5	1,171,887	25,810	0.0220	0.9780	40.58
67.5	966,947	23,047	0.0238	0.9762	39.68
68.5	840,862	19,711	0.0234	0.9766	38.74
69.5	747,455	17,702	0.0237	0.9763	37.83
70.5	674,553	11,714	0.0174	0.9826	36.93
71.5	615,022	12,276	0.0200	0.9800	36.29
72.5	559,470	10,952	0.0196	0.9804	35.57
73.5	525,171	10,110	0.0193	0.9807	34.87
74.5	462,078	10,976	0.0238	0.9762	34.20
75.5	389,665	8,846	0.0227	0.9773	33.39
76.5	341,511	8,662	0.0254	0.9746	32.63
77.5	273,139	6,909	0.0253	0.9747	31.80
78.5	243,044	6,261	0.0258	0.9742	31.00

DUKE ENERGY OHIO

ACCOUNT 3640 POLES, TOWERS AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	220,374	5,880	0.0267	0.9733	30.20
80.5	188,385	4,827	0.0256	0.9744	29.39
81.5	152,580	4,309	0.0282	0.9718	28.64
82.5	135,826	4,198	0.0309	0.9691	27.83
83.5	127,155	3,167	0.0249	0.9751	26.97
84.5	113,136	4,713	0.0417	0.9583	26.30
85.5	95,608	4,552	0.0476	0.9524	25.20
86.5	76,477	3,212	0.0420	0.9580	24.00
87.5	55,041	3,374	0.0613	0.9387	23.00
88.5	37,817	2,729	0.0722	0.9278	21.59
89.5	22,870	1,441	0.0630	0.9370	20.03
90.5	11,241	608	0.0541	0.9459	18.77
91.5	6,626	473	0.0714	0.9286	17.75
92.5	3,567	176	0.0492	0.9508	16.48
93.5	1,983	139	0.0699	0.9301	15.67
94.5	649	6	0.0086	0.9914	14.58
95.5	258	8	0.0319	0.9681	14.45
96.5	160		0.0000	1.0000	13.99
97.5	93	3	0.0272	0.9728	13.99
98.5	45		0.0000	1.0000	13.61
99.5	33	3	0.0923	0.9077	13.61
100.5	13	2	0.1498	0.8502	12.35
101.5					10.50

DUKE ENERGY OHIO

ACCOUNT 3640 POLES, TOWERS AND FIXTURES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1908-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	378,399,380	426,490	0.0011	0.9989	100.00
0.5	358,490,435	1,696,993	0.0047	0.9953	99.89
1.5	327,739,659	2,028,848	0.0062	0.9938	99.41
2.5	312,273,039	1,969,274	0.0063	0.9937	98.80
3.5	261,424,433	1,635,930	0.0063	0.9937	98.18
4.5	235,759,885	1,339,289	0.0057	0.9943	97.56
5.5	232,176,522	1,822,249	0.0078	0.9922	97.01
6.5	220,221,761	1,540,896	0.0070	0.9930	96.25
7.5	211,308,187	1,431,009	0.0068	0.9932	95.57
8.5	210,605,590	1,505,884	0.0072	0.9928	94.93
9.5	203,743,676	1,655,241	0.0081	0.9919	94.25
10.5	195,784,643	1,686,577	0.0086	0.9914	93.48
11.5	187,328,805	1,245,970	0.0067	0.9933	92.68
12.5	180,066,149	1,211,924	0.0067	0.9933	92.06
13.5	177,857,148	1,231,993	0.0069	0.9931	91.44
14.5	173,868,082	1,259,771	0.0072	0.9928	90.81
15.5	170,915,250	1,223,838	0.0072	0.9928	90.15
16.5	165,389,626	1,069,403	0.0065	0.9935	89.50
17.5	157,426,418	1,299,180	0.0083	0.9917	88.92
18.5	149,614,080	988,002	0.0066	0.9934	88.19
19.5	142,524,100	930,335	0.0065	0.9935	87.61
20.5	136,042,009	970,911	0.0071	0.9929	87.04
21.5	127,973,773	889,914	0.0070	0.9930	86.41
22.5	120,201,623	790,447	0.0066	0.9934	85.81
23.5	111,561,366	826,400	0.0074	0.9926	85.25
24.5	103,501,609	794,763	0.0077	0.9923	84.62
25.5	97,266,119	713,259	0.0073	0.9927	83.97
26.5	91,195,941	774,345	0.0085	0.9915	83.35
27.5	85,054,677	751,594	0.0088	0.9912	82.64
28.5	80,089,578	604,007	0.0075	0.9925	81.91
29.5	75,536,744	615,374	0.0081	0.9919	81.30
30.5	71,272,991	660,533	0.0093	0.9907	80.63
31.5	67,084,812	590,432	0.0088	0.9912	79.89
32.5	63,454,401	538,491	0.0085	0.9915	79.18
33.5	59,284,635	597,390	0.0101	0.9899	78.51
34.5	54,967,813	551,747	0.0100	0.9900	77.72
35.5	51,457,777	459,904	0.0089	0.9911	76.94
36.5	47,332,954	452,365	0.0096	0.9904	76.25
37.5	43,400,411	423,301	0.0098	0.9902	75.52
38.5	40,216,379	535,038	0.0133	0.9867	74.79

DUKE ENERGY OHIO

ACCOUNT 3640 POLES, TOWERS AND FIXTURES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	37,436,420	1,130,327	0.0302	0.9698	73.79
40.5	33,866,026	559,181	0.0165	0.9835	71.56
41.5	31,199,761	376,631	0.0121	0.9879	70.38
42.5	28,485,609	300,481	0.0105	0.9895	69.53
43.5	25,834,372	238,193	0.0092	0.9908	68.80
44.5	23,951,121	262,870	0.0110	0.9890	68.17
45.5	22,164,374	337,596	0.0152	0.9848	67.42
46.5	20,181,664	445,752	0.0221	0.9779	66.39
47.5	17,890,154	589,938	0.0330	0.9670	64.92
48.5	15,771,596	618,296	0.0392	0.9608	62.78
49.5	14,116,302	391,288	0.0277	0.9723	60.32
50.5	12,580,101	214,927	0.0171	0.9829	58.65
51.5	11,471,442	313,445	0.0273	0.9727	57.65
52.5	10,638,766	185,933	0.0175	0.9825	56.07
53.5	9,810,927	141,409	0.0144	0.9856	55.09
54.5	8,955,449	153,992	0.0172	0.9828	54.30
55.5	8,058,329	182,836	0.0227	0.9773	53.37
56.5	6,944,017	147,771	0.0213	0.9787	52.15
57.5	6,067,214	118,267	0.0195	0.9805	51.04
58.5	5,221,353	102,218	0.0196	0.9804	50.05
59.5	4,466,537	64,431	0.0144	0.9856	49.07
60.5	3,719,583	76,535	0.0206	0.9794	48.36
61.5	3,125,944	56,111	0.0180	0.9820	47.37
62.5	2,619,906	58,102	0.0222	0.9778	46.52
63.5	2,065,498	48,673	0.0236	0.9764	45.48
64.5	1,729,284	38,809	0.0224	0.9776	44.41
65.5	1,405,465	26,829	0.0191	0.9809	43.42
66.5	1,171,876	25,810	0.0220	0.9780	42.59
67.5	966,947	23,047	0.0238	0.9762	41.65
68.5	840,862	19,711	0.0234	0.9766	40.66
69.5	747,455	17,702	0.0237	0.9763	39.70
70.5	674,553	11,714	0.0174	0.9826	38.76
71.5	615,022	12,276	0.0200	0.9800	38.09
72.5	559,470	10,952	0.0196	0.9804	37.33
73.5	525,171	10,110	0.0193	0.9807	36.60
74.5	462,078	10,976	0.0238	0.9762	35.89
75.5	389,665	8,846	0.0227	0.9773	35.04
76.5	341,511	8,662	0.0254	0.9746	34.25
77.5	273,139	6,909	0.0253	0.9747	33.38
78.5	243,044	6,261	0.0258	0.9742	32.53

DUKE ENERGY OHIO

ACCOUNT 3640 POLES, TOWERS AND FIXTURES

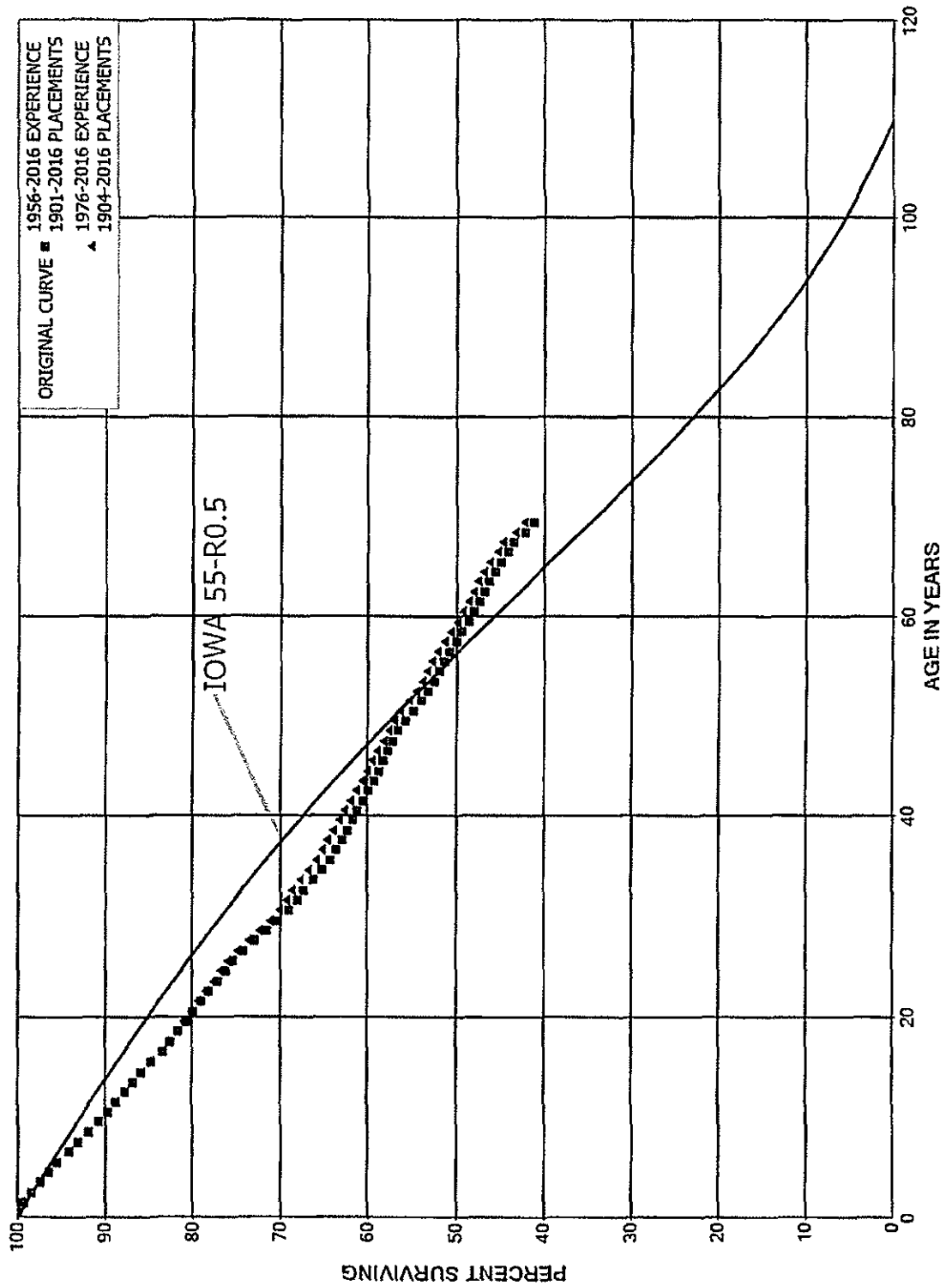
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1908-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	220,374	5,880	0.0267	0.9733	31.70
80.5	188,385	4,827	0.0256	0.9744	30.85
81.5	152,580	4,309	0.0282	0.9718	30.06
82.5	135,826	4,198	0.0309	0.9691	29.21
83.5	127,155	3,167	0.0249	0.9751	28.31
84.5	113,136	4,713	0.0417	0.9583	27.60
85.5	95,608	4,552	0.0476	0.9524	26.45
86.5	76,477	3,212	0.0420	0.9580	25.19
87.5	55,041	3,374	0.0613	0.9387	24.14
88.5	37,817	2,729	0.0722	0.9278	22.66
89.5	22,870	1,441	0.0630	0.9370	21.02
90.5	11,241	608	0.0541	0.9459	19.70
91.5	6,626	473	0.0714	0.9286	18.63
92.5	3,567	176	0.0492	0.9508	17.30
93.5	1,983	139	0.0699	0.9301	16.45
94.5	649	6	0.0086	0.9914	15.30
95.5	258	8	0.0319	0.9681	15.17
96.5	160		0.0000	1.0000	14.68
97.5	93	3	0.0272	0.9728	14.68
98.5	45		0.0000	1.0000	14.29
99.5	33	3	0.0923	0.9077	14.29
100.5	13	2	0.1498	0.8502	12.97
101.5					11.02

DUKE ENERGY OHIO
ACCOUNT 3650 OVERHEAD CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNT 3650 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1901-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	572,306,875	352,170	0.0006	0.9994	100.00
0.5	556,248,685	3,430,921	0.0062	0.9938	99.94
1.5	518,285,046	4,769,818	0.0092	0.9908	99.32
2.5	496,766,894	5,277,871	0.0106	0.9894	98.41
3.5	466,625,454	4,436,057	0.0095	0.9905	97.36
4.5	431,509,341	4,044,302	0.0094	0.9906	96.44
5.5	425,207,234	6,115,575	0.0144	0.9856	95.53
6.5	408,740,654	4,336,910	0.0106	0.9894	94.16
7.5	386,776,197	4,983,337	0.0129	0.9871	93.16
8.5	379,621,864	5,081,075	0.0134	0.9866	91.96
9.5	350,825,856	3,980,273	0.0113	0.9887	90.73
10.5	323,972,091	3,716,562	0.0115	0.9885	89.70
11.5	301,694,514	3,573,808	0.0118	0.9882	88.67
12.5	274,954,394	2,719,481	0.0099	0.9901	87.62
13.5	262,951,928	2,933,608	0.0112	0.9888	86.75
14.5	247,684,074	3,166,184	0.0128	0.9872	85.79
15.5	234,573,386	3,646,454	0.0155	0.9845	84.69
16.5	209,242,601	2,160,893	0.0103	0.9897	83.37
17.5	198,968,818	2,273,464	0.0114	0.9886	82.51
18.5	188,896,010	1,957,054	0.0104	0.9896	81.57
19.5	179,589,581	1,808,329	0.0101	0.9899	80.72
20.5	170,863,413	1,691,429	0.0099	0.9901	79.91
21.5	161,207,442	1,969,887	0.0122	0.9878	79.12
22.5	150,905,980	1,948,756	0.0129	0.9871	78.15
23.5	137,406,059	1,452,315	0.0106	0.9894	77.14
24.5	124,669,225	1,518,911	0.0122	0.9878	76.33
25.5	115,583,993	1,729,071	0.0150	0.9850	75.40
26.5	106,700,291	1,978,574	0.0185	0.9815	74.27
27.5	99,709,600	1,883,646	0.0189	0.9811	72.89
28.5	94,554,115	1,661,078	0.0176	0.9824	71.52
29.5	88,267,039	1,537,891	0.0174	0.9826	70.26
30.5	85,399,211	1,186,091	0.0139	0.9861	69.04
31.5	80,412,519	889,836	0.0111	0.9889	68.08
32.5	76,094,692	1,255,206	0.0165	0.9835	67.32
33.5	69,870,877	1,042,984	0.0149	0.9851	66.21
34.5	65,281,371	932,732	0.0143	0.9857	65.22
35.5	59,943,406	649,430	0.0108	0.9892	64.29
36.5	55,278,270	540,496	0.0098	0.9902	63.60
37.5	51,613,367	508,706	0.0099	0.9901	62.97
38.5	49,189,791	474,541	0.0096	0.9904	62.35

DUKE ENERGY OHIO

ACCOUNT 3650 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1901-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	46,633,582	470,458	0.0101	0.9899	61.75
40.5	43,358,880	452,100	0.0104	0.9896	61.13
41.5	39,721,048	385,358	0.0097	0.9903	60.49
42.5	35,347,513	390,200	0.0110	0.9890	59.90
43.5	32,072,334	268,362	0.0084	0.9916	59.24
44.5	28,523,083	208,020	0.0073	0.9927	58.75
45.5	25,582,778	262,542	0.0103	0.9897	58.32
46.5	23,085,793	239,651	0.0104	0.9896	57.72
47.5	20,641,407	180,071	0.0087	0.9913	57.12
48.5	18,691,825	297,664	0.0159	0.9841	56.62
49.5	17,409,791	268,685	0.0154	0.9846	55.72
50.5	15,747,733	274,326	0.0174	0.9826	54.86
51.5	14,186,821	192,605	0.0136	0.9864	53.91
52.5	13,071,031	155,014	0.0119	0.9881	53.17
53.5	11,809,148	129,092	0.0109	0.9891	52.54
54.5	10,640,985	108,821	0.0102	0.9898	51.97
55.5	9,515,733	133,228	0.0140	0.9860	51.44
56.5	8,250,708	117,566	0.0142	0.9858	50.72
57.5	7,347,407	87,887	0.0120	0.9880	49.99
58.5	6,530,996	103,617	0.0159	0.9841	49.40
59.5	5,619,756	59,480	0.0106	0.9894	48.61
60.5	4,854,469	75,347	0.0155	0.9845	48.10
61.5	4,165,556	42,802	0.0103	0.9897	47.35
62.5	3,691,364	44,767	0.0121	0.9879	46.87
63.5	3,169,449	46,961	0.0148	0.9852	46.30
64.5	2,873,428	39,997	0.0139	0.9861	45.61
65.5	2,586,251	45,666	0.0177	0.9823	44.98
66.5	2,364,983	34,360	0.0145	0.9855	44.18
67.5	2,134,674	66,817	0.0313	0.9687	43.54
68.5	1,874,146	44,518	0.0238	0.9762	42.18
69.5	1,728,196	65,860	0.0381	0.9619	41.18
70.5	1,593,679	6,630	0.0042	0.9958	39.61
71.5	1,554,359	5,149	0.0033	0.9967	39.44
72.5	1,534,548	6,201	0.0040	0.9960	39.31
73.5	1,517,785	20,691	0.0136	0.9864	39.15
74.5	1,467,291	8,608	0.0059	0.9941	38.62
75.5	1,313,545	6,573	0.0050	0.9950	38.39
76.5	1,293,851	4,022	0.0031	0.9969	38.20
77.5	1,251,354	4,468	0.0036	0.9964	38.08
78.5	1,183,639	7,494	0.0063	0.9937	37.94

DUKE ENERGY OHIO
ACCOUNT 3650 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1901-2016			EXPERIENCE BAND 1956-2016		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	1,175,754	13,781	0.0117	0.9883	37.70
80.5	1,161,973	2,412	0.0021	0.9979	37.26
81.5	1,159,558	9,016	0.0078	0.9922	37.19
82.5	1,150,542	7,211	0.0063	0.9937	36.90
83.5	1,143,396	14,487	0.0127	0.9873	36.67
84.5	1,128,954	18,622	0.0165	0.9835	36.20
85.5	1,110,332	17,796	0.0160	0.9840	35.60
86.5	1,094,730	20,010	0.0183	0.9817	35.03
87.5	1,077,173	22,930	0.0213	0.9787	34.39
88.5	1,054,244	55,918	0.0530	0.9470	33.66
89.5	998,325	594	0.0006	0.9994	31.87
90.5	997,711	34,767	0.0348	0.9652	31.86
91.5					30.75

DUKE ENERGY OHIO

ACCOUNT 3650 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1904-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	520,250,834	345,678	0.0007	0.9993	100.00
0.5	507,137,232	3,233,279	0.0064	0.9936	99.93
1.5	473,594,344	4,606,056	0.0097	0.9903	99.30
2.5	455,183,916	5,080,503	0.0112	0.9888	98.33
3.5	429,002,163	4,226,484	0.0099	0.9901	97.23
4.5	397,230,630	3,781,264	0.0095	0.9905	96.28
5.5	393,771,950	5,874,815	0.0149	0.9851	95.36
6.5	380,133,418	4,110,368	0.0108	0.9892	93.94
7.5	360,406,102	4,779,385	0.0133	0.9867	92.92
8.5	354,642,256	4,767,478	0.0134	0.9866	91.69
9.5	327,964,195	3,615,198	0.0110	0.9890	90.46
10.5	303,214,985	3,325,611	0.0110	0.9890	89.46
11.5	282,771,410	3,310,311	0.0117	0.9883	88.48
12.5	257,887,164	2,486,710	0.0096	0.9904	87.44
13.5	247,398,935	2,657,535	0.0107	0.9893	86.60
14.5	233,738,890	2,886,079	0.0123	0.9877	85.67
15.5	222,721,012	3,409,345	0.0153	0.9847	84.61
16.5	198,868,953	1,901,759	0.0096	0.9904	83.32
17.5	188,993,965	1,990,423	0.0105	0.9895	82.52
18.5	180,407,757	1,729,511	0.0096	0.9904	81.65
19.5	172,392,310	1,655,249	0.0096	0.9904	80.87
20.5	164,776,540	1,569,677	0.0095	0.9905	80.09
21.5	155,861,605	1,806,865	0.0116	0.9884	79.33
22.5	146,459,244	1,742,556	0.0119	0.9881	78.41
23.5	133,535,091	1,369,081	0.0103	0.9897	77.47
24.5	121,253,444	1,406,213	0.0116	0.9884	76.68
25.5	112,522,766	1,536,869	0.0137	0.9863	75.79
26.5	104,086,829	1,702,551	0.0164	0.9836	74.76
27.5	97,473,344	1,708,198	0.0175	0.9825	73.53
28.5	92,478,719	1,479,461	0.0160	0.9840	72.24
29.5	86,427,559	1,337,063	0.0155	0.9845	71.09
30.5	81,725,971	986,368	0.0121	0.9879	69.99
31.5	76,972,234	664,686	0.0086	0.9914	69.14
32.5	72,894,432	1,079,165	0.0148	0.9852	68.55
33.5	66,888,974	894,769	0.0134	0.9866	67.53
34.5	62,635,296	822,927	0.0131	0.9869	66.63
35.5	57,424,536	578,278	0.0101	0.9899	65.75
36.5	52,889,109	505,969	0.0096	0.9904	65.09
37.5	49,467,440	506,086	0.0102	0.9898	64.47
38.5	47,046,112	474,528	0.0101	0.9899	63.81

DUKE ENERGY OHIO

ACCOUNT 3650 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1904-2016

EXPERIENCE BAND 1976-2016

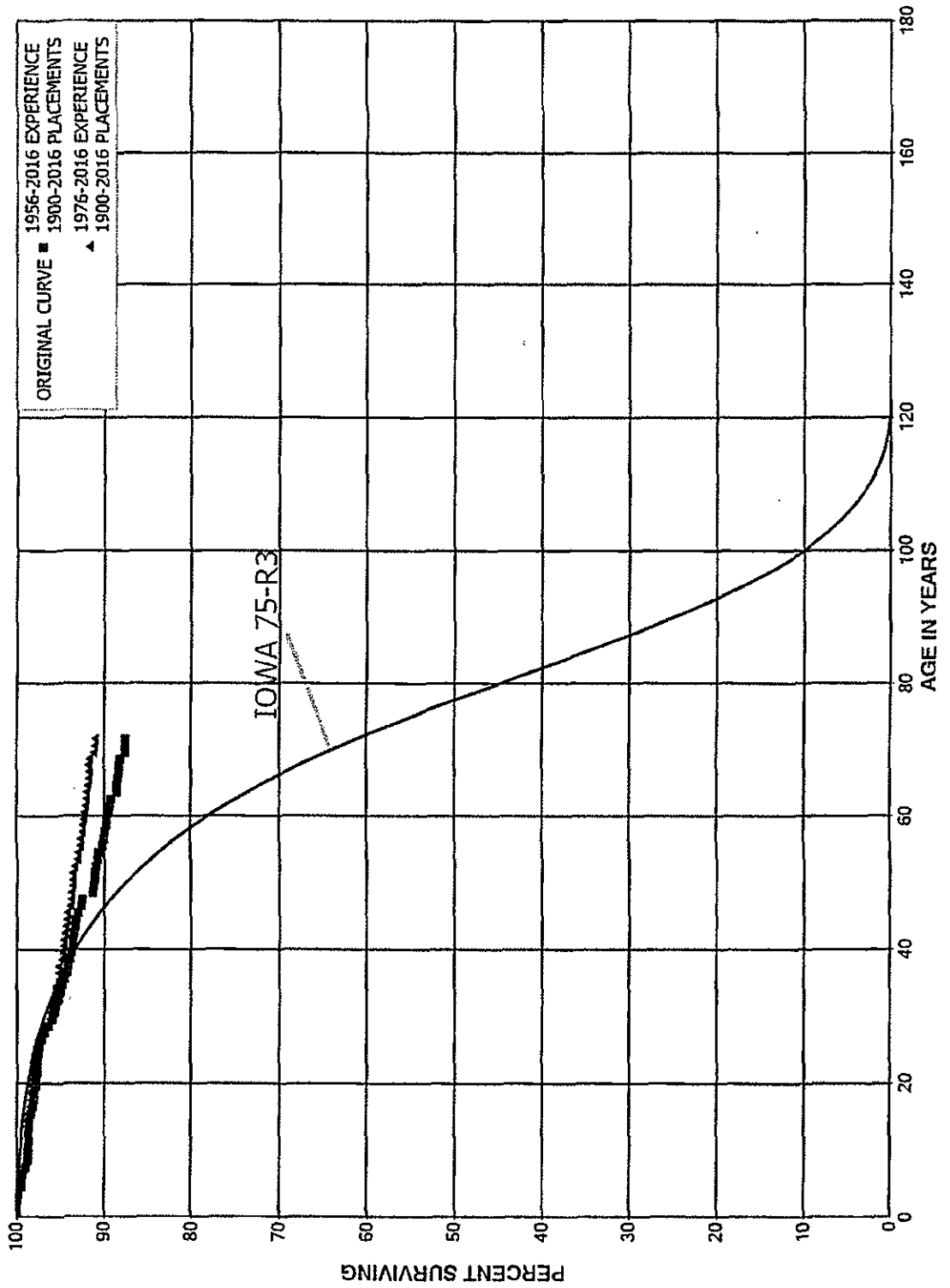
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	44,490,000	470,407	0.0106	0.9894	63.17
40.5	41,218,342	451,847	0.0110	0.9890	62.50
41.5	37,580,735	384,589	0.0102	0.9898	61.81
42.5	33,207,136	390,185	0.0118	0.9882	61.18
43.5	29,931,991	268,359	0.0090	0.9910	60.46
44.5	26,382,883	207,376	0.0079	0.9921	59.92
45.5	23,443,266	262,490	0.0112	0.9888	59.45
46.5	20,947,365	239,651	0.0114	0.9886	58.78
47.5	18,548,515	180,059	0.0097	0.9903	58.11
48.5	16,599,031	208,398	0.0126	0.9874	57.55
49.5	15,406,361	182,833	0.0119	0.9881	56.82
50.5	15,746,164	274,326	0.0174	0.9826	56.15
51.5	14,185,246	192,383	0.0136	0.9864	55.17
52.5	13,069,760	155,014	0.0119	0.9881	54.42
53.5	11,807,904	129,092	0.0109	0.9891	53.78
54.5	10,639,831	108,821	0.0102	0.9898	53.19
55.5	9,514,598	133,228	0.0140	0.9860	52.65
56.5	8,249,573	117,549	0.0142	0.9858	51.91
57.5	7,346,300	87,887	0.0120	0.9880	51.17
58.5	6,529,950	103,617	0.0159	0.9841	50.56
59.5	5,618,710	59,480	0.0106	0.9894	49.75
60.5	4,853,448	75,347	0.0155	0.9845	49.23
61.5	4,164,561	42,802	0.0103	0.9897	48.46
62.5	3,691,240	44,767	0.0121	0.9879	47.96
63.5	3,169,326	46,942	0.0148	0.9852	47.38
64.5	2,873,355	39,997	0.0139	0.9861	46.68
65.5	2,586,199	45,666	0.0177	0.9823	46.03
66.5	2,364,931	34,360	0.0145	0.9855	45.22
67.5	2,134,622	66,817	0.0313	0.9687	44.56
68.5	1,874,094	44,518	0.0238	0.9762	43.17
69.5	1,728,155	65,860	0.0381	0.9619	42.14
70.5	1,593,673	6,630	0.0042	0.9958	40.54
71.5	1,554,359	5,149	0.0033	0.9967	40.37
72.5	1,534,548	6,201	0.0040	0.9960	40.23
73.5	1,517,785	20,691	0.0136	0.9864	40.07
74.5	1,467,291	8,608	0.0059	0.9941	39.52
75.5	1,313,545	6,573	0.0050	0.9950	39.29
76.5	1,293,851	4,022	0.0031	0.9969	39.10
77.5	1,251,354	4,468	0.0036	0.9964	38.97
78.5	1,183,639	7,494	0.0063	0.9937	38.84

DUKE ENERGY OHIO
ACCOUNT 3650 OVERHEAD CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1904-2016			EXPERIENCE BAND 1976-2016		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	1,175,754	13,781	0.0117	0.9883	38.59
80.5	1,161,973	2,412	0.0021	0.9979	38.14
81.5	1,159,558	9,016	0.0078	0.9922	38.06
82.5	1,150,542	7,211	0.0063	0.9937	37.76
83.5	1,143,396	14,487	0.0127	0.9873	37.53
84.5	1,128,954	18,622	0.0165	0.9835	37.05
85.5	1,110,332	17,796	0.0160	0.9840	36.44
86.5	1,094,730	20,010	0.0183	0.9817	35.85
87.5	1,077,173	22,930	0.0213	0.9787	35.20
88.5	1,054,244	55,918	0.0530	0.9470	34.45
89.5	998,325	594	0.0006	0.9994	32.62
90.5	997,711	34,767	0.0348	0.9652	32.60
91.5					31.47

DUKE ENERGY OHIO
ACCOUNT 3660 UNDERGROUND CONDUIT
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNT 3660 UNDERGROUND CONDUIT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1900-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	111,092,117	2,599	0.0000	1.0000	100.00
0.5	107,844,102	67,860	0.0006	0.9994	100.00
1.5	95,700,887	81,245	0.0008	0.9992	99.93
2.5	92,105,845	98,354	0.0011	0.9989	99.85
3.5	87,587,319	326,201	0.0037	0.9963	99.74
4.5	81,903,454	23,503	0.0003	0.9997	99.37
5.5	80,648,724	84,056	0.0010	0.9990	99.34
6.5	79,558,592	252,587	0.0032	0.9968	99.24
7.5	77,362,783	125,314	0.0016	0.9984	98.92
8.5	77,237,618	43,789	0.0006	0.9994	98.76
9.5	76,147,022	11,021	0.0001	0.9999	98.71
10.5	74,071,344	68,989	0.0009	0.9991	98.69
11.5	71,921,592	11,758	0.0002	0.9998	98.60
12.5	70,644,603	23,767	0.0003	0.9997	98.59
13.5	69,906,859	35,620	0.0005	0.9995	98.55
14.5	68,839,159	85,584	0.0012	0.9988	98.50
15.5	67,341,688	144,031	0.0021	0.9979	98.38
16.5	65,516,865	50,368	0.0008	0.9992	98.17
17.5	60,447,085	16,305	0.0003	0.9997	98.09
18.5	56,512,001	115,803	0.0020	0.9980	98.07
19.5	52,443,170	42,947	0.0008	0.9992	97.87
20.5	48,150,651	23,879	0.0005	0.9995	97.79
21.5	42,931,234	14,588	0.0003	0.9997	97.74
22.5	35,291,739	46,539	0.0013	0.9987	97.71
23.5	30,254,906	37,015	0.0012	0.9988	97.58
24.5	27,667,532	27,673	0.0010	0.9990	97.46
25.5	25,128,930	42,451	0.0017	0.9983	97.36
26.5	24,026,975	97,883	0.0041	0.9959	97.19
27.5	22,253,394	89,215	0.0040	0.9960	96.80
28.5	20,995,557	94,072	0.0045	0.9955	96.41
29.5	19,907,126	47,764	0.0024	0.9976	95.98
30.5	19,248,051	18,677	0.0010	0.9990	95.75
31.5	18,094,250	77,270	0.0043	0.9957	95.66
32.5	16,904,596	41,186	0.0024	0.9976	95.25
33.5	16,491,172	31,560	0.0019	0.9981	95.02
34.5	16,168,701	50,954	0.0032	0.9968	94.83
35.5	15,989,246	40,739	0.0025	0.9975	94.53
36.5	15,506,360	10,775	0.0007	0.9993	94.29
37.5	14,994,627	39,508	0.0026	0.9974	94.23
38.5	15,773,384	38,619	0.0024	0.9976	93.98

DUKE ENERGY OHIO

ACCOUNT 3660 UNDERGROUND CONDUIT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	15,564,322	18,224	0.0012	0.9988	93.75
40.5	14,870,117	5,280	0.0004	0.9996	93.64
41.5	14,118,402	11,318	0.0008	0.9992	93.61
42.5	12,770,736	13,976	0.0011	0.9989	93.53
43.5	11,357,138	23,847	0.0021	0.9979	93.43
44.5	9,798,491	26,902	0.0027	0.9973	93.23
45.5	9,095,404	30,233	0.0033	0.9967	92.98
46.5	8,547,607	11,731	0.0014	0.9986	92.67
47.5	8,079,694	113,267	0.0140	0.9860	92.54
48.5	7,336,368	2,490	0.0003	0.9997	91.24
49.5	7,020,888	8,016	0.0011	0.9989	91.21
50.5	6,922,575	1,205	0.0002	0.9998	91.11
51.5	6,039,106	6,764	0.0011	0.9989	91.09
52.5	5,900,020	17,725	0.0030	0.9970	90.99
53.5	5,808,661	9,009	0.0016	0.9984	90.72
54.5	5,528,142	26,101	0.0047	0.9953	90.58
55.5	5,111,758	9,156	0.0018	0.9982	90.15
56.5	4,825,058	6,601	0.0014	0.9986	89.99
57.5	4,565,311	10,240	0.0022	0.9978	89.86
58.5	4,309,296	4,830	0.0011	0.9989	89.66
59.5	4,107,097	6,992	0.0017	0.9983	89.56
60.5	3,878,337	5,285	0.0014	0.9986	89.41
61.5	3,686,651	4,182	0.0011	0.9989	89.29
62.5	3,561,221	26,693	0.0075	0.9925	89.19
63.5	3,469,532	2,432	0.0007	0.9993	88.52
64.5	3,400,552	4,339	0.0013	0.9987	88.46
65.5	3,275,821	603	0.0002	0.9998	88.34
66.5	3,154,086	4,244	0.0013	0.9987	88.33
67.5	3,016,044	3,857	0.0013	0.9987	88.21
68.5	2,953,132	19,572	0.0066	0.9934	88.10
69.5	2,906,605	1,608	0.0006	0.9994	87.51
70.5	2,899,408	307	0.0001	0.9999	87.46
71.5	2,874,558	2,828	0.0010	0.9990	87.45
72.5	2,860,605	1,173	0.0004	0.9996	87.37
73.5	2,809,318	330	0.0001	0.9999	87.33
74.5	2,757,713	1,097	0.0004	0.9996	87.32
75.5	2,740,577	753	0.0003	0.9997	87.29
76.5	2,731,317	1,141	0.0004	0.9996	87.26
77.5	2,714,744	614	0.0002	0.9998	87.23
78.5	2,660,049	227	0.0001	0.9999	87.21

DUKE ENERGY OHIO

ACCOUNT 3660 UNDERGROUND CONDUIT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	2,623,189	3,799	0.0014	0.9986	87.20
80.5	2,604,385	2,219	0.0009	0.9991	87.07
81.5	2,588,084	2,028	0.0008	0.9992	87.00
82.5	2,558,274	2,488	0.0010	0.9990	86.93
83.5	2,546,828	4,109	0.0016	0.9984	86.85
84.5	2,513,423	3,500	0.0014	0.9986	86.71
85.5	2,476,157	4,042	0.0016	0.9984	86.59
86.5	2,396,984	1,646	0.0007	0.9993	86.44
87.5	2,132,652	1,502	0.0007	0.9993	86.38
88.5	1,884,317	1,624	0.0009	0.9991	86.32
89.5	1,804,594	1,658	0.0009	0.9991	86.25
90.5	1,741,439	1,297	0.0007	0.9993	86.17
91.5	1,622,308	833	0.0005	0.9995	86.11
92.5	1,592,556	2,598	0.0016	0.9984	86.06
93.5	1,549,654	4,137	0.0027	0.9973	85.92
94.5	1,508,184	1,288	0.0009	0.9991	85.69
95.5	1,454,913	8,878	0.0061	0.9939	85.62
96.5	1,285,477	13,482	0.0105	0.9895	85.10
97.5	1,271,335	4,067	0.0032	0.9968	84.20
98.5	1,263,150	1,391	0.0011	0.9989	83.93
99.5	507,714	350	0.0007	0.9993	83.84
100.5	346,673	1,287	0.0037	0.9963	83.78
101.5	345,386	1,467	0.0042	0.9958	83.47
102.5	337,674	5,998	0.0178	0.9822	83.12
103.5	330,016	8,407	0.0255	0.9745	81.64
104.5	288,359	1,514	0.0053	0.9947	79.56
105.5	286,844	763	0.0027	0.9973	79.14
106.5					78.93

DUKE ENERGY OHIO

ACCOUNT 3660 UNDERGROUND CONDUIT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1900-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	99,291,742	1,912	0.0000	1.0000	100.00
0.5	96,589,998	62,181	0.0006	0.9994	100.00
1.5	85,680,606	76,885	0.0009	0.9991	99.93
2.5	83,454,093	91,191	0.0011	0.9989	99.84
3.5	80,458,650	324,205	0.0040	0.9960	99.73
4.5	75,661,178	19,858	0.0003	0.9997	99.33
5.5	74,891,418	75,765	0.0010	0.9990	99.31
6.5	74,120,348	230,865	0.0031	0.9969	99.21
7.5	72,576,353	113,836	0.0016	0.9984	98.90
8.5	72,741,722	19,690	0.0003	0.9997	98.74
9.5	71,763,217	6,259	0.0001	0.9999	98.72
10.5	70,551,543	59,241	0.0008	0.9992	98.71
11.5	68,536,595	5,326	0.0001	0.9999	98.62
12.5	67,429,765	10,904	0.0002	0.9998	98.62
13.5	66,909,707	24,170	0.0004	0.9996	98.60
14.5	66,242,189	62,448	0.0009	0.9991	98.56
15.5	65,042,032	141,217	0.0022	0.9978	98.47
16.5	63,470,071	31,199	0.0005	0.9995	98.26
17.5	58,628,704	9,019	0.0002	0.9998	98.21
18.5	54,867,365	101,835	0.0019	0.9981	98.19
19.5	51,036,722	34,963	0.0007	0.9993	98.01
20.5	46,935,635	13,476	0.0003	0.9997	97.95
21.5	41,829,217	9,885	0.0002	0.9998	97.92
22.5	34,267,455	40,034	0.0012	0.9988	97.89
23.5	29,249,439	30,339	0.0010	0.9990	97.78
24.5	26,738,191	24,578	0.0009	0.9991	97.68
25.5	24,250,839	38,770	0.0016	0.9984	97.59
26.5	23,005,304	90,298	0.0039	0.9961	97.43
27.5	21,012,475	83,093	0.0040	0.9960	97.05
28.5	19,706,501	91,540	0.0046	0.9954	96.67
29.5	18,548,727	28,617	0.0015	0.9985	96.22
30.5	17,800,239	6,007	0.0003	0.9997	96.07
31.5	16,628,477	66,253	0.0040	0.9960	96.04
32.5	15,457,070	30,644	0.0020	0.9980	95.65
33.5	15,072,449	15,507	0.0010	0.9990	95.46
34.5	14,722,793	40,514	0.0028	0.9972	95.37
35.5	14,373,172	7,876	0.0005	0.9995	95.10
36.5	13,937,795	5,135	0.0004	0.9996	95.05
37.5	13,481,465	34,274	0.0025	0.9975	95.02
38.5	13,391,274	26,112	0.0019	0.9981	94.77

DUKE ENERGY OHIO

ACCOUNT 3660 UNDERGROUND CONDUIT

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	13,027,615	14,203	0.0011	0.9989	94.59
40.5	12,352,425	3,248	0.0003	0.9997	94.49
41.5	11,624,963	6,654	0.0006	0.9994	94.46
42.5	10,289,195	7,687	0.0007	0.9993	94.41
43.5	8,897,800	13,997	0.0016	0.9984	94.34
44.5	7,388,330	9,299	0.0013	0.9987	94.19
45.5	6,480,666	26,539	0.0041	0.9959	94.07
46.5	6,212,529	4,471	0.0007	0.9993	93.69
47.5	6,022,538	3,369	0.0006	0.9994	93.62
48.5	5,470,262	688	0.0001	0.9999	93.57
49.5	5,220,100	4,316	0.0008	0.9992	93.55
50.5	5,245,631	1,114	0.0002	0.9998	93.48
51.5	4,389,246	6,740	0.0015	0.9985	93.46
52.5	4,289,826	14,220	0.0033	0.9967	93.31
53.5	4,206,905	6,085	0.0014	0.9986	93.00
54.5	3,983,610	12,246	0.0031	0.9969	92.87
55.5	3,742,738	5,156	0.0014	0.9986	92.58
56.5	3,460,715	5,293	0.0015	0.9985	92.46
57.5	3,208,010	1,989	0.0006	0.9994	92.31
58.5	3,750,437	3,263	0.0009	0.9991	92.26
59.5	3,716,443	5,243	0.0014	0.9986	92.18
60.5	3,489,432	3,925	0.0011	0.9989	92.05
61.5	3,305,469	2,395	0.0007	0.9993	91.94
62.5	3,183,554	2,833	0.0009	0.9991	91.88
63.5	3,150,922	1,974	0.0006	0.9994	91.80
64.5	3,082,400	2,885	0.0009	0.9991	91.74
65.5	3,262,784	603	0.0002	0.9998	91.65
66.5	3,141,049	1,196	0.0004	0.9996	91.63
67.5	3,006,054	3,857	0.0013	0.9987	91.60
68.5	2,943,142	18,236	0.0062	0.9938	91.48
69.5	2,899,225	1,607	0.0006	0.9994	90.92
70.5	2,892,030	307	0.0001	0.9999	90.87
71.5	2,867,200	706	0.0002	0.9998	90.86
72.5	2,855,370	583	0.0002	0.9998	90.83
73.5	2,807,160	330	0.0001	0.9999	90.81
74.5	2,755,555	1,097	0.0004	0.9996	90.80
75.5	2,740,577	753	0.0003	0.9997	90.77
76.5	2,731,317	1,141	0.0004	0.9996	90.74
77.5	2,714,744	614	0.0002	0.9998	90.71
78.5	2,660,049	227	0.0001	0.9999	90.68

DUKE ENERGY OHIO

ACCOUNT 3660 UNDERGROUND CONDUIT

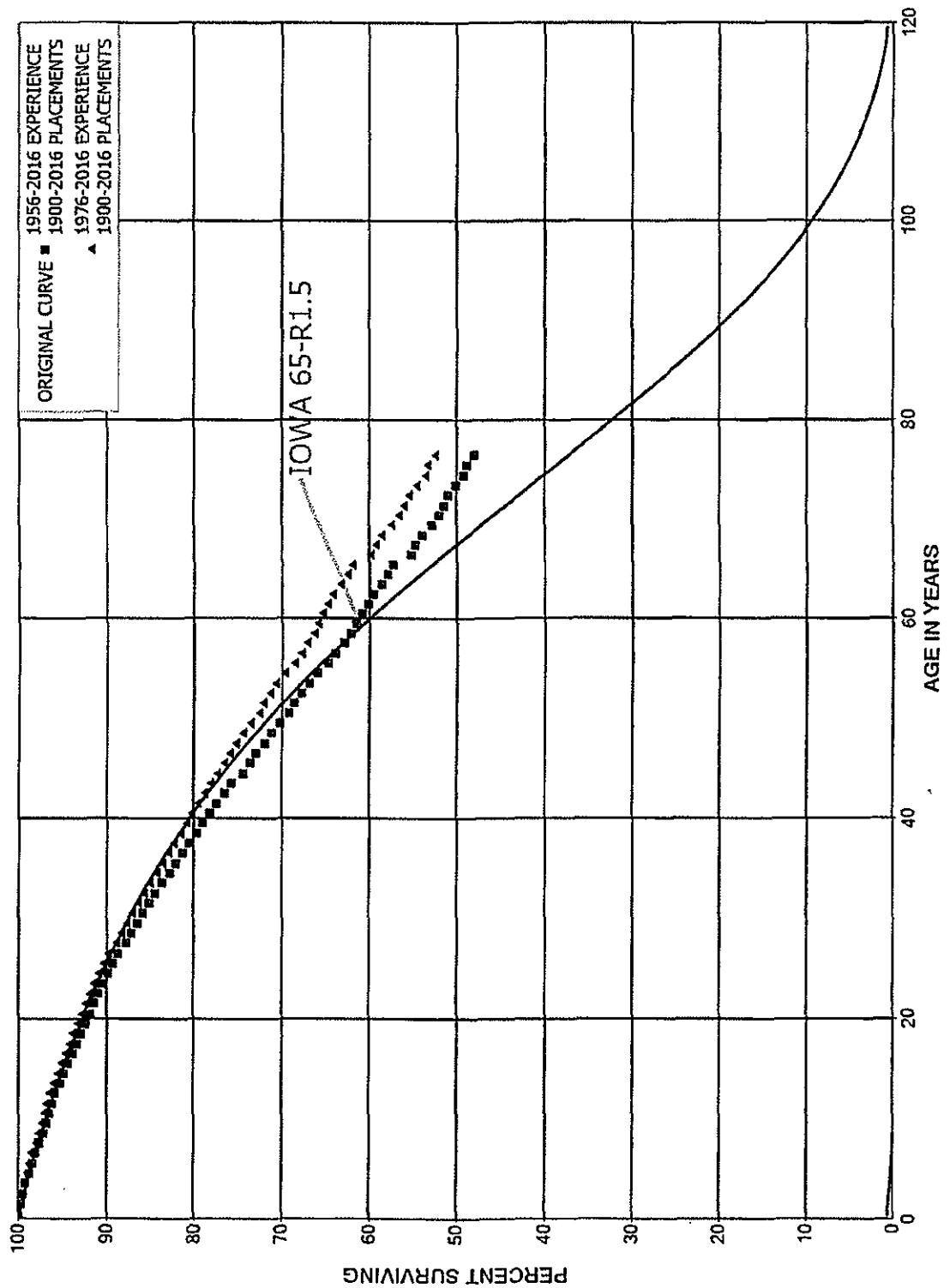
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	2,623,189	3,799	0.0014	0.9986	90.68
80.5	2,604,385	2,219	0.0009	0.9991	90.55
81.5	2,588,084	2,028	0.0008	0.9992	90.47
82.5	2,558,274	2,488	0.0010	0.9990	90.40
83.5	2,546,828	4,109	0.0016	0.9984	90.31
84.5	2,513,423	3,500	0.0014	0.9986	90.16
85.5	2,476,157	4,042	0.0016	0.9984	90.04
86.5	2,396,984	1,646	0.0007	0.9993	89.89
87.5	2,132,652	1,502	0.0007	0.9993	89.83
88.5	1,884,317	1,624	0.0009	0.9991	89.77
89.5	1,804,594	1,658	0.0009	0.9991	89.69
90.5	1,741,439	1,297	0.0007	0.9993	89.61
91.5	1,622,308	833	0.0005	0.9995	89.54
92.5	1,592,556	2,598	0.0016	0.9984	89.49
93.5	1,549,654	4,137	0.0027	0.9973	89.35
94.5	1,508,184	1,288	0.0009	0.9991	89.11
95.5	1,454,913	8,878	0.0061	0.9939	89.03
96.5	1,285,477	13,482	0.0105	0.9895	88.49
97.5	1,271,335	4,067	0.0032	0.9968	87.56
98.5	1,263,150	1,391	0.0011	0.9989	87.28
99.5	507,714	350	0.0007	0.9993	87.19
100.5	346,673	1,287	0.0037	0.9963	87.13
101.5	345,386	1,467	0.0042	0.9958	86.80
102.5	337,674	5,998	0.0178	0.9822	86.43
103.5	330,016	8,407	0.0255	0.9745	84.90
104.5	288,359	1,514	0.0053	0.9947	82.74
105.5	286,844	763	0.0027	0.9973	82.30
106.5					82.08

DUKE ENERGY OHIO
ACCOUNT 3670 UNDERGROUND CONDUCTORS AND DEVICES
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNT 3670 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1900-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	365,389,620	161,437	0.0004	0.9996	100.00
0.5	348,196,792	1,113,010	0.0032	0.9968	99.96
1.5	325,776,210	830,861	0.0026	0.9974	99.64
2.5	320,480,055	831,784	0.0026	0.9974	99.38
3.5	307,550,281	1,144,090	0.0037	0.9963	99.12
4.5	288,976,154	1,080,997	0.0037	0.9963	98.76
5.5	279,420,202	757,171	0.0027	0.9973	98.39
6.5	264,656,327	1,492,239	0.0056	0.9944	98.12
7.5	251,039,597	1,047,753	0.0042	0.9958	97.57
8.5	248,820,852	859,272	0.0035	0.9965	97.16
9.5	229,180,379	858,627	0.0037	0.9963	96.82
10.5	222,436,712	688,780	0.0031	0.9969	96.46
11.5	205,639,564	770,586	0.0037	0.9963	96.16
12.5	191,669,573	990,598	0.0052	0.9948	95.80
13.5	183,496,818	918,495	0.0050	0.9950	95.31
14.5	171,612,937	865,685	0.0050	0.9950	94.83
15.5	161,834,477	866,789	0.0054	0.9946	94.35
16.5	148,838,718	652,127	0.0044	0.9956	93.85
17.5	130,847,489	618,174	0.0047	0.9953	93.43
18.5	121,763,228	742,863	0.0061	0.9939	92.99
19.5	115,491,972	776,225	0.0067	0.9933	92.43
20.5	111,030,521	479,538	0.0043	0.9957	91.80
21.5	106,125,251	542,075	0.0051	0.9949	91.41
22.5	97,915,798	510,088	0.0052	0.9948	90.94
23.5	91,249,992	586,980	0.0064	0.9936	90.47
24.5	84,941,517	607,736	0.0072	0.9928	89.89
25.5	75,969,926	441,023	0.0058	0.9942	89.24
26.5	69,121,337	748,238	0.0108	0.9892	88.72
27.5	61,486,901	406,743	0.0066	0.9934	87.76
28.5	55,380,543	448,638	0.0081	0.9919	87.18
29.5	49,292,754	367,377	0.0075	0.9925	86.48
30.5	45,371,083	387,119	0.0085	0.9915	85.83
31.5	41,308,534	326,585	0.0079	0.9921	85.10
32.5	38,296,693	371,849	0.0097	0.9903	84.43
33.5	35,639,128	360,649	0.0101	0.9899	83.61
34.5	33,671,883	282,533	0.0084	0.9916	82.76
35.5	31,450,090	284,736	0.0091	0.9909	82.07
36.5	28,660,717	238,031	0.0083	0.9917	81.32
37.5	25,729,907	291,551	0.0113	0.9887	80.65
38.5	23,638,403	213,481	0.0090	0.9910	79.73

DUKE ENERGY OHIO

ACCOUNT 3670 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	21,413,909	222,598	0.0104	0.9896	79.01
40.5	19,653,417	201,253	0.0102	0.9898	78.19
41.5	17,750,224	191,314	0.0108	0.9892	77.39
42.5	14,983,543	159,396	0.0106	0.9894	76.56
43.5	12,165,203	223,704	0.0184	0.9816	75.74
44.5	10,165,434	100,711	0.0099	0.9901	74.35
45.5	9,132,226	85,116	0.0093	0.9907	73.61
46.5	8,498,690	108,871	0.0128	0.9872	72.93
47.5	7,661,394	90,425	0.0118	0.9882	71.99
48.5	7,040,174	97,380	0.0138	0.9862	71.14
49.5	6,619,815	88,380	0.0134	0.9866	70.16
50.5	6,233,802	51,721	0.0083	0.9917	69.22
51.5	5,915,149	77,956	0.0132	0.9868	68.65
52.5	5,596,993	71,796	0.0128	0.9872	67.74
53.5	5,434,988	76,992	0.0142	0.9858	66.88
54.5	4,852,734	86,661	0.0179	0.9821	65.93
55.5	4,727,672	58,725	0.0124	0.9876	64.75
56.5	4,540,068	71,322	0.0157	0.9843	63.95
57.5	4,151,910	52,409	0.0126	0.9874	62.94
58.5	3,727,879	40,842	0.0110	0.9890	62.15
59.5	3,482,547	36,864	0.0106	0.9894	61.47
60.5	3,037,589	33,210	0.0109	0.9891	60.82
61.5	2,947,531	27,775	0.0094	0.9906	60.15
62.5	2,805,347	45,813	0.0163	0.9837	59.58
63.5	2,666,038	31,432	0.0118	0.9882	58.61
64.5	2,568,653	30,586	0.0119	0.9881	57.92
65.5	2,466,051	87,583	0.0355	0.9645	57.23
66.5	2,319,958	21,570	0.0093	0.9907	55.20
67.5	2,199,178	30,262	0.0138	0.9862	54.68
68.5	2,130,568	45,212	0.0212	0.9788	53.93
69.5	2,060,933	33,276	0.0161	0.9839	52.79
70.5	2,014,571	21,664	0.0108	0.9892	51.94
71.5	1,981,039	17,420	0.0088	0.9912	51.38
72.5	1,956,313	31,070	0.0159	0.9841	50.93
73.5	1,888,435	36,967	0.0196	0.9804	50.12
74.5	1,813,407	9,071	0.0050	0.9950	49.14
75.5	1,790,942	30,299	0.0169	0.9831	48.89
76.5	1,740,562	15,216	0.0087	0.9913	48.06
77.5	1,709,409	12,586	0.0074	0.9926	47.64
78.5	1,585,534	10,018	0.0063	0.9937	47.29

DUKE ENERGY OHIO

ACCOUNT 3670 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	1,544,443	15,362	0.0099	0.9901	46.99
80.5	1,525,413	13,848	0.0091	0.9909	46.53
81.5	1,501,113	15,822	0.0105	0.9895	46.10
82.5	1,468,983	34,057	0.0232	0.9768	45.62
83.5	1,426,849	20,598	0.0144	0.9856	44.56
84.5	1,391,724	18,910	0.0136	0.9864	43.92
85.5	1,342,918	29,356	0.0219	0.9781	43.32
86.5	1,279,436	24,331	0.0190	0.9810	42.37
87.5	1,197,452	32,396	0.0271	0.9729	41.57
88.5	1,053,262	24,215	0.0230	0.9770	40.44
89.5	1,001,395	37,086	0.0370	0.9630	39.51
90.5	943,596	36,365	0.0385	0.9615	38.05
91.5	873,987	35,250	0.0403	0.9597	36.58
92.5	754,436	42,673	0.0566	0.9434	35.11
93.5	641,336	48,562	0.0757	0.9243	33.12
94.5	576,086	38,679	0.0671	0.9329	30.61
95.5	467,190	37,989	0.0813	0.9187	28.56
96.5	343,202	24,529	0.0715	0.9285	26.24
97.5	313,036	26,697	0.0853	0.9147	24.36
98.5	161,896	11,728	0.0724	0.9276	22.28
99.5	95,609	8,174	0.0855	0.9145	20.67
100.5	34,454	4,278	0.1242	0.8758	18.90
101.5	28,894	3,307	0.1144	0.8856	16.55
102.5	25,444	1,529	0.0601	0.9399	14.66
103.5	23,592	5,656	0.2398	0.7602	13.78
104.5	17,841	67	0.0038	0.9962	10.48
105.5	17,283	2,141	0.1239	0.8761	10.44
106.5					9.14

DUKE ENERGY OHIO

ACCOUNT 3670 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1900-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETM RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	343,564,794	149,145	0.0004	0.9996	100.00
0.5	328,243,502	986,889	0.0030	0.9970	99.96
1.5	308,738,921	690,786	0.0022	0.9978	99.66
2.5	306,464,272	742,192	0.0024	0.9976	99.43
3.5	295,831,477	977,811	0.0033	0.9967	99.19
4.5	278,743,032	815,159	0.0029	0.9971	98.86
5.5	270,135,760	638,176	0.0024	0.9976	98.58
6.5	256,334,043	1,332,470	0.0052	0.9948	98.34
7.5	243,677,863	799,594	0.0033	0.9967	97.83
8.5	242,217,642	749,313	0.0031	0.9969	97.51
9.5	223,081,373	779,306	0.0035	0.9965	97.21
10.5	216,880,203	581,173	0.0027	0.9973	96.87
11.5	200,532,382	688,424	0.0034	0.9966	96.61
12.5	186,764,191	894,676	0.0048	0.9952	96.28
13.5	179,312,026	833,609	0.0046	0.9954	95.82
14.5	167,656,132	776,362	0.0046	0.9954	95.37
15.5	158,186,366	777,581	0.0049	0.9951	94.93
16.5	145,685,695	580,864	0.0040	0.9960	94.46
17.5	128,013,510	481,680	0.0038	0.9962	94.09
18.5	119,273,117	676,244	0.0057	0.9943	93.73
19.5	113,603,097	735,404	0.0065	0.9935	93.20
20.5	109,332,420	453,564	0.0041	0.9959	92.60
21.5	104,580,349	498,718	0.0048	0.9952	92.21
22.5	96,556,831	486,513	0.0050	0.9950	91.77
23.5	89,980,563	531,733	0.0059	0.9941	91.31
24.5	83,745,881	583,060	0.0070	0.9930	90.77
25.5	74,789,369	420,401	0.0056	0.9944	90.14
26.5	67,947,501	710,320	0.0105	0.9895	89.63
27.5	60,082,247	378,563	0.0063	0.9937	88.70
28.5	53,939,141	405,920	0.0075	0.9925	88.14
29.5	47,831,144	337,032	0.0070	0.9930	87.47
30.5	43,800,438	337,305	0.0077	0.9923	86.86
31.5	39,586,651	296,308	0.0075	0.9925	86.19
32.5	36,509,961	299,666	0.0082	0.9918	85.54
33.5	33,902,289	303,289	0.0089	0.9911	84.84
34.5	31,777,353	240,780	0.0076	0.9924	84.08
35.5	29,338,488	243,678	0.0083	0.9917	83.45
36.5	26,603,081	190,116	0.0071	0.9929	82.75
37.5	23,321,768	215,244	0.0092	0.9908	82.16
38.5	21,226,431	185,925	0.0088	0.9912	81.40

DUKE ENERGY OHIO

ACCOUNT 3670 UNDERGROUND CONDUCTORS AND DEVICES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	18,869,314	152,057	0.0081	0.9919	80.69
40.5	17,191,110	137,092	0.0080	0.9920	80.04
41.5	15,375,136	154,739	0.0101	0.9899	79.40
42.5	12,652,033	97,236	0.0077	0.9923	78.60
43.5	9,928,235	102,976	0.0104	0.9896	78.00
44.5	8,095,659	80,119	0.0099	0.9901	77.19
45.5	7,117,027	68,156	0.0096	0.9904	76.42
46.5	6,604,343	50,460	0.0076	0.9924	75.69
47.5	6,027,627	66,229	0.0110	0.9890	75.11
48.5	5,483,134	64,565	0.0118	0.9882	74.29
49.5	5,088,899	68,435	0.0134	0.9866	73.41
50.5	4,762,314	30,587	0.0064	0.9936	72.43
51.5	4,612,449	51,496	0.0112	0.9888	71.96
52.5	4,435,667	43,053	0.0097	0.9903	71.16
53.5	4,327,665	56,571	0.0131	0.9869	70.47
54.5	3,898,631	64,280	0.0165	0.9835	69.55
55.5	3,965,254	43,870	0.0111	0.9889	68.40
56.5	3,802,652	41,893	0.0110	0.9890	67.64
57.5	3,779,865	42,635	0.0113	0.9887	66.90
58.5	3,474,646	21,628	0.0062	0.9938	66.14
59.5	3,387,507	28,806	0.0085	0.9915	65.73
60.5	2,953,101	23,023	0.0078	0.9922	65.17
61.5	2,873,507	24,643	0.0086	0.9914	64.66
62.5	2,735,884	39,754	0.0145	0.9855	64.11
63.5	2,602,828	30,329	0.0117	0.9883	63.18
64.5	2,507,590	25,583	0.0102	0.9898	62.44
65.5	2,443,474	84,322	0.0345	0.9655	61.81
66.5	2,301,360	20,199	0.0088	0.9912	59.67
67.5	2,182,228	22,378	0.0103	0.9897	59.15
68.5	2,121,997	44,467	0.0210	0.9790	58.54
69.5	2,053,142	33,276	0.0162	0.9838	57.32
70.5	2,007,596	21,393	0.0107	0.9893	56.39
71.5	1,974,335	16,729	0.0085	0.9915	55.79
72.5	1,950,301	31,070	0.0159	0.9841	55.31
73.5	1,882,422	35,767	0.0190	0.9810	54.43
74.5	1,808,594	9,046	0.0050	0.9950	53.40
75.5	1,790,942	30,299	0.0169	0.9831	53.13
76.5	1,740,562	15,216	0.0087	0.9913	52.23
77.5	1,709,409	12,586	0.0074	0.9926	51.78
78.5	1,585,534	10,018	0.0063	0.9937	51.39

DUKE ENERGY OHIO

ACCOUNT 3670 UNDERGROUND CONDUCTORS AND DEVICES

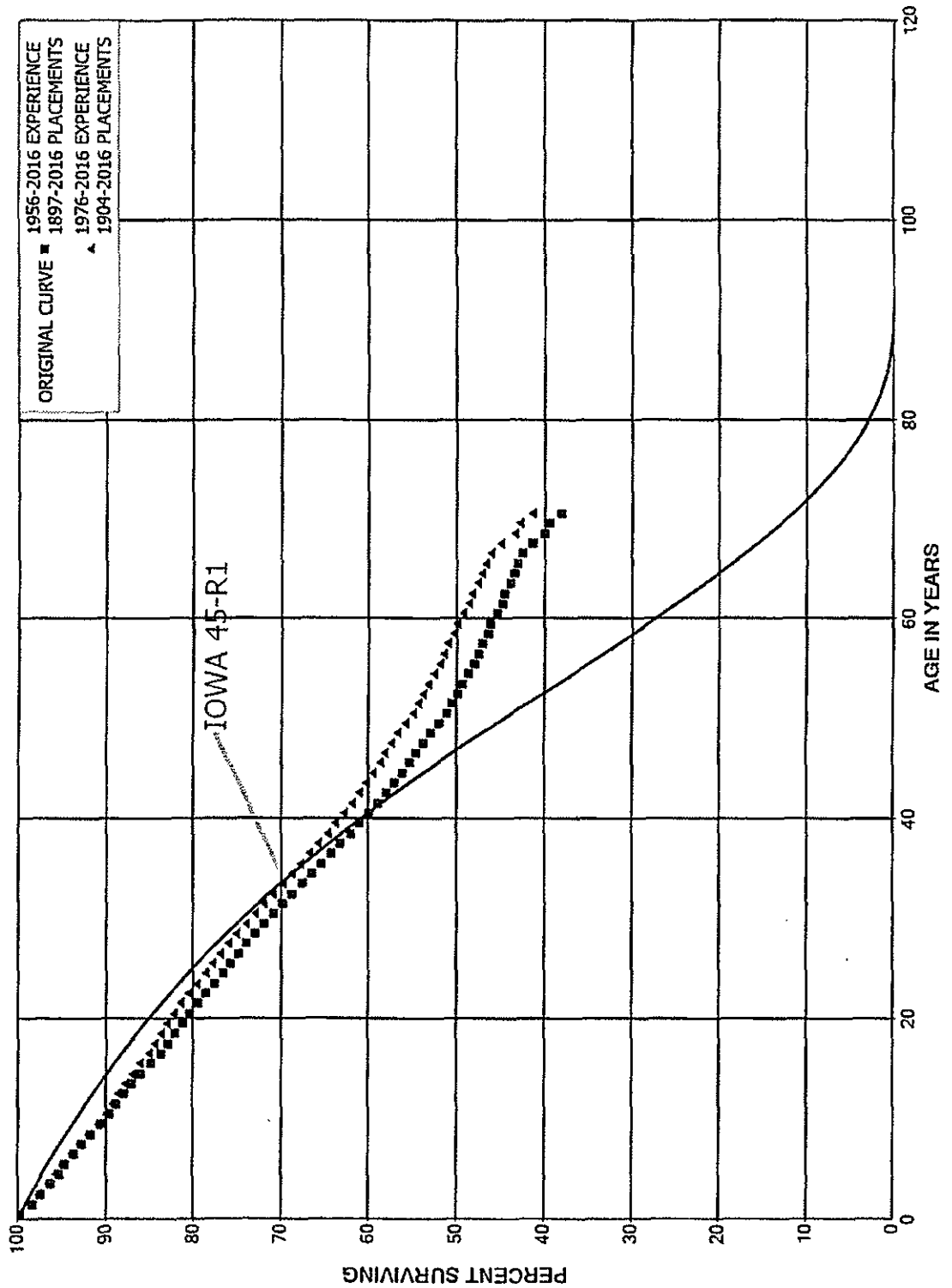
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1900-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	1,544,443	15,362	0.0099	0.9901	51.07
80.5	1,525,413	13,848	0.0091	0.9909	50.56
81.5	1,501,113	15,822	0.0105	0.9895	50.10
82.5	1,468,983	34,057	0.0232	0.9768	49.57
83.5	1,426,849	20,598	0.0144	0.9856	48.42
84.5	1,391,724	18,910	0.0136	0.9864	47.73
85.5	1,342,918	29,356	0.0219	0.9781	47.08
86.5	1,279,436	24,331	0.0190	0.9810	46.05
87.5	1,197,452	32,396	0.0271	0.9729	45.17
88.5	1,053,262	24,215	0.0230	0.9770	43.95
89.5	1,001,395	37,086	0.0370	0.9630	42.94
90.5	943,596	36,365	0.0385	0.9615	41.35
91.5	873,987	35,250	0.0403	0.9597	39.76
92.5	754,436	42,673	0.0566	0.9434	38.15
93.5	641,336	48,562	0.0757	0.9243	35.99
94.5	576,086	38,679	0.0671	0.9329	33.27
95.5	467,190	37,989	0.0813	0.9187	31.04
96.5	343,202	24,529	0.0715	0.9285	28.51
97.5	313,036	26,697	0.0853	0.9147	26.47
98.5	161,896	11,728	0.0724	0.9276	24.22
99.5	95,609	8,174	0.0855	0.9145	22.46
100.5	34,454	4,278	0.1242	0.8758	20.54
101.5	28,894	3,307	0.1144	0.8856	17.99
102.5	25,444	1,529	0.0601	0.9399	15.93
103.5	23,592	5,656	0.2398	0.7602	14.97
104.5	17,841	67	0.0038	0.9962	11.38
105.5	17,283	2,141	0.1239	0.8761	11.34
106.5					9.94

DUKE ENERGY OHIO
 ACCOUNTS 3680 AND 3682 LINE TRANSFORMERS
 ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNTS 3680 AND 3682 LINE TRANSFORMERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1897-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	535,928,553	1,209,760	0.0023	0.9977	100.00
0.5	520,519,272	7,554,866	0.0145	0.9855	99.77
1.5	495,709,086	4,842,311	0.0098	0.9902	98.33
2.5	476,263,096	5,503,332	0.0116	0.9884	97.37
3.5	450,055,893	4,248,321	0.0094	0.9906	96.24
4.5	421,486,036	3,412,473	0.0081	0.9919	95.33
5.5	404,960,462	4,103,994	0.0101	0.9899	94.56
6.5	387,507,007	3,747,199	0.0097	0.9903	93.60
7.5	370,104,313	3,884,763	0.0105	0.9895	92.70
8.5	347,348,997	4,383,938	0.0126	0.9874	91.72
9.5	330,503,293	3,340,016	0.0101	0.9899	90.57
10.5	316,491,775	2,726,143	0.0086	0.9914	89.65
11.5	304,201,437	3,096,705	0.0102	0.9898	88.88
12.5	292,149,152	3,112,461	0.0107	0.9893	87.97
13.5	281,502,142	3,308,514	0.0118	0.9882	87.04
14.5	269,717,602	3,617,549	0.0134	0.9866	86.01
15.5	259,002,279	3,396,783	0.0131	0.9869	84.86
16.5	246,243,151	2,384,033	0.0097	0.9903	83.75
17.5	235,054,810	2,495,834	0.0106	0.9894	82.94
18.5	224,717,331	2,321,958	0.0103	0.9897	82.06
19.5	212,947,244	2,117,469	0.0099	0.9901	81.21
20.5	203,637,718	2,307,071	0.0113	0.9887	80.40
21.5	193,562,978	2,225,408	0.0115	0.9885	79.49
22.5	180,455,710	2,192,974	0.0122	0.9878	78.58
23.5	169,194,451	2,152,692	0.0127	0.9873	77.62
24.5	159,846,130	1,861,292	0.0116	0.9884	76.63
25.5	148,666,270	1,782,833	0.0120	0.9880	75.74
26.5	138,249,829	1,678,867	0.0121	0.9879	74.83
27.5	126,810,101	1,685,316	0.0133	0.9867	73.92
28.5	115,273,230	1,646,967	0.0143	0.9857	72.94
29.5	106,839,671	1,580,720	0.0148	0.9852	71.90
30.5	98,553,552	1,435,187	0.0146	0.9854	70.84
31.5	91,022,287	1,428,567	0.0157	0.9843	69.80
32.5	82,609,759	1,406,615	0.0170	0.9830	68.71
33.5	73,925,774	1,151,947	0.0156	0.9844	67.54
34.5	68,940,807	1,086,073	0.0158	0.9842	66.49
35.5	62,431,068	1,069,571	0.0171	0.9829	65.44
36.5	56,343,807	936,736	0.0166	0.9834	64.32
37.5	50,545,938	923,270	0.0183	0.9817	63.25
38.5	45,515,445	777,509	0.0171	0.9829	62.09

DUKE ENERGY OHIO

ACCOUNTS 3680 AND 3682 LINE TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1897-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	41,446,244	716,842	0.0173	0.9827	61.03
40.5	38,572,779	697,325	0.0181	0.9819	59.98
41.5	35,753,291	548,454	0.0153	0.9847	58.89
42.5	31,181,840	498,792	0.0160	0.9840	57.99
43.5	27,164,041	435,811	0.0160	0.9840	57.06
44.5	24,379,383	387,061	0.0159	0.9841	56.15
45.5	21,453,161	287,602	0.0134	0.9866	55.25
46.5	18,839,418	287,183	0.0152	0.9848	54.51
47.5	16,597,003	229,111	0.0138	0.9862	53.68
48.5	14,482,442	264,410	0.0183	0.9817	52.94
49.5	12,668,260	219,836	0.0174	0.9826	51.98
50.5	11,289,011	129,468	0.0115	0.9885	51.07
51.5	10,365,985	124,292	0.0120	0.9880	50.49
52.5	9,321,137	120,555	0.0129	0.9871	49.88
53.5	8,588,092	110,513	0.0129	0.9871	49.24
54.5	7,697,384	97,931	0.0127	0.9873	48.60
55.5	6,776,765	72,717	0.0107	0.9893	47.98
56.5	5,835,840	49,773	0.0085	0.9915	47.47
57.5	5,159,762	71,420	0.0138	0.9862	47.07
58.5	4,615,115	38,611	0.0084	0.9916	46.41
59.5	3,974,712	61,209	0.0154	0.9846	46.03
60.5	3,152,592	39,157	0.0124	0.9876	45.32
61.5	2,527,176	15,840	0.0063	0.9937	44.75
62.5	2,098,166	30,509	0.0145	0.9855	44.47
63.5	1,703,652	16,357	0.0096	0.9904	43.83
64.5	1,433,592	12,553	0.0088	0.9912	43.41
65.5	1,274,719	20,195	0.0158	0.9842	43.03
66.5	1,164,790	28,594	0.0245	0.9755	42.34
67.5	1,041,374	34,987	0.0336	0.9664	41.30
68.5	810,346	11,485	0.0142	0.9858	39.92
69.5	625,899	20,462	0.0327	0.9673	39.35
70.5	563,127	3,501	0.0062	0.9938	38.06
71.5	539,033	10,150	0.0188	0.9812	37.83
72.5	519,317	26,918	0.0518	0.9482	37.12
73.5	484,062	9,039	0.0187	0.9813	35.19
74.5	459,236	4,569	0.0099	0.9901	34.53
75.5	427,301	9,043	0.0212	0.9788	34.19
76.5	377,841	5,369	0.0142	0.9858	33.47
77.5	352,752	25,138	0.0713	0.9287	32.99
78.5	303,494	804	0.0026	0.9974	30.64

DUKE ENERGY OHIO

ACCOUNTS 3680 AND 3682 LINE TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1897-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	240,009	2,408	0.0100	0.9900	30.56
80.5	222,875	5,545	0.0249	0.9751	30.25
81.5	198,852	3,933	0.0198	0.9802	29.50
82.5	191,245	2,601	0.0136	0.9864	28.92
83.5	180,788	3,301	0.0183	0.9817	28.52
84.5	172,000	5,296	0.0308	0.9692	28.00
85.5	135,890	1,490	0.0110	0.9890	27.14
86.5	113,660	1,736	0.0153	0.9847	26.84
87.5	89,833	2,770	0.0308	0.9692	26.43
88.5	64,576	2,116	0.0328	0.9672	25.62
89.5	48,820	6,030	0.1235	0.8765	24.78
90.5	33,365	1,594	0.0478	0.9522	21.72
91.5	30,658	2,298	0.0750	0.9250	20.68
92.5	23,767		0.0000	1.0000	19.13
93.5	22,505	159	0.0071	0.9929	19.13
94.5	21,024	1,299	0.0618	0.9382	19.00
95.5	17,544		0.0000	1.0000	17.82
96.5	14,631	7	0.0005	0.9995	17.82
97.5	14,624	294	0.0201	0.9799	17.81
98.5	12,139	72	0.0059	0.9941	17.45
99.5	9,670	153	0.0158	0.9842	17.35
100.5	9,333	933	0.0999	0.9001	17.08
101.5	8,076		0.0000	1.0000	15.37
102.5	8,076		0.0000	1.0000	15.37
103.5	8,076		0.0000	1.0000	15.37
104.5	8,076		0.0000	1.0000	15.37
105.5	7,923		0.0000	1.0000	15.37
106.5					15.37

DUKE ENERGY OHIO

ACCOUNTS 3680 AND 3682 LINE TRANSFORMERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1904-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	468,181,381	1,160,066	0.0025	0.9975	100.00
0.5	454,637,623	5,677,631	0.0125	0.9875	99.75
1.5	436,846,004	4,231,372	0.0097	0.9903	98.51
2.5	422,406,140	5,047,747	0.0119	0.9881	97.55
3.5	399,212,190	3,818,067	0.0096	0.9904	96.39
4.5	374,630,589	3,012,560	0.0080	0.9920	95.46
5.5	362,197,650	3,670,286	0.0101	0.9899	94.70
6.5	348,042,006	3,267,186	0.0094	0.9906	93.74
7.5	333,627,789	3,499,545	0.0105	0.9895	92.86
8.5	313,314,520	3,969,290	0.0127	0.9873	91.88
9.5	298,996,407	2,947,898	0.0099	0.9901	90.72
10.5	286,872,532	2,263,844	0.0079	0.9921	89.83
11.5	276,775,178	2,246,289	0.0081	0.9919	89.12
12.5	266,902,578	2,271,618	0.0085	0.9915	88.39
13.5	258,669,622	2,424,860	0.0094	0.9906	87.64
14.5	249,480,984	2,468,378	0.0099	0.9901	86.82
15.5	241,811,982	2,748,808	0.0114	0.9886	85.96
16.5	231,171,654	1,881,236	0.0081	0.9919	84.98
17.5	221,769,115	1,990,757	0.0090	0.9910	84.29
18.5	213,019,349	1,892,822	0.0089	0.9911	83.53
19.5	203,577,929	1,745,953	0.0086	0.9914	82.79
20.5	196,179,255	2,006,821	0.0102	0.9898	82.08
21.5	187,461,409	1,972,779	0.0105	0.9895	81.24
22.5	175,383,880	1,997,059	0.0114	0.9886	80.39
23.5	165,008,837	1,987,961	0.0120	0.9880	79.47
24.5	156,215,450	1,742,929	0.0112	0.9888	78.51
25.5	145,339,123	1,649,951	0.0114	0.9886	77.64
26.5	135,204,244	1,571,621	0.0116	0.9884	76.76
27.5	124,015,916	1,589,965	0.0128	0.9872	75.87
28.5	112,618,106	1,560,146	0.0139	0.9861	74.89
29.5	104,138,713	1,465,039	0.0141	0.9859	73.86
30.5	95,946,813	1,330,211	0.0139	0.9861	72.82
31.5	88,419,056	1,316,864	0.0149	0.9851	71.81
32.5	80,025,578	1,262,166	0.0158	0.9842	70.74
33.5	71,431,605	1,039,004	0.0145	0.9855	69.62
34.5	66,590,724	962,109	0.0144	0.9856	68.61
35.5	60,146,227	920,642	0.0153	0.9847	67.62
36.5	54,222,258	794,656	0.0147	0.9853	66.58
37.5	48,614,800	790,091	0.0163	0.9837	65.61
38.5	43,730,241	645,682	0.0148	0.9852	64.54

DUKE ENERGY OHIO

ACCOUNTS 3680 AND 3682 LINE TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1904-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	39,855,851	595,645	0.0149	0.9851	63.59
40.5	37,116,166	540,210	0.0146	0.9854	62.64
41.5	34,465,475	435,084	0.0126	0.9874	61.73
42.5	30,010,785	400,506	0.0133	0.9867	60.95
43.5	26,113,662	343,935	0.0132	0.9868	60.13
44.5	23,489,977	322,763	0.0137	0.9863	59.34
45.5	20,652,744	214,811	0.0104	0.9896	58.53
46.5	18,174,029	229,768	0.0126	0.9874	57.92
47.5	16,083,601	188,298	0.0117	0.9883	57.18
48.5	14,075,000	231,211	0.0164	0.9836	56.52
49.5	12,375,798	186,126	0.0150	0.9850	55.59
50.5	11,079,070	105,665	0.0095	0.9905	54.75
51.5	10,204,151	108,778	0.0107	0.9893	54.23
52.5	9,196,536	107,045	0.0116	0.9884	53.65
53.5	8,490,806	99,428	0.0117	0.9883	53.03
54.5	7,619,467	91,095	0.0120	0.9880	52.41
55.5	6,726,088	68,714	0.0102	0.9898	51.78
56.5	5,791,938	45,257	0.0078	0.9922	51.25
57.5	5,123,114	67,379	0.0132	0.9868	50.85
58.5	4,591,018	37,500	0.0082	0.9918	50.18
59.5	3,954,625	60,212	0.0152	0.9848	49.77
60.5	3,135,046	38,164	0.0122	0.9878	49.01
61.5	2,511,238	15,412	0.0061	0.9939	48.42
62.5	2,083,701	30,509	0.0146	0.9854	48.12
63.5	1,689,728	16,118	0.0095	0.9905	47.41
64.5	1,420,676	12,553	0.0088	0.9912	46.96
65.5	1,274,186	20,195	0.0158	0.9842	46.55
66.5	1,164,262	28,594	0.0246	0.9754	45.81
67.5	1,040,846	34,987	0.0336	0.9664	44.68
68.5	809,824	11,338	0.0140	0.9860	43.18
69.5	625,617	20,390	0.0326	0.9674	42.58
70.5	562,917	3,501	0.0062	0.9938	41.19
71.5	539,033	10,150	0.0188	0.9812	40.93
72.5	519,317	26,918	0.0518	0.9482	40.16
73.5	484,062	9,039	0.0187	0.9813	38.08
74.5	459,236	4,569	0.0099	0.9901	37.37
75.5	427,301	9,043	0.0212	0.9788	37.00
76.5	377,841	5,369	0.0142	0.9858	36.22
77.5	352,752	25,138	0.0713	0.9287	35.70
78.5	303,494	804	0.0026	0.9974	33.16

DUKE ENERGY OHIO
ACCOUNTS 3680 AND 3682 LINE TRANSFORMERS

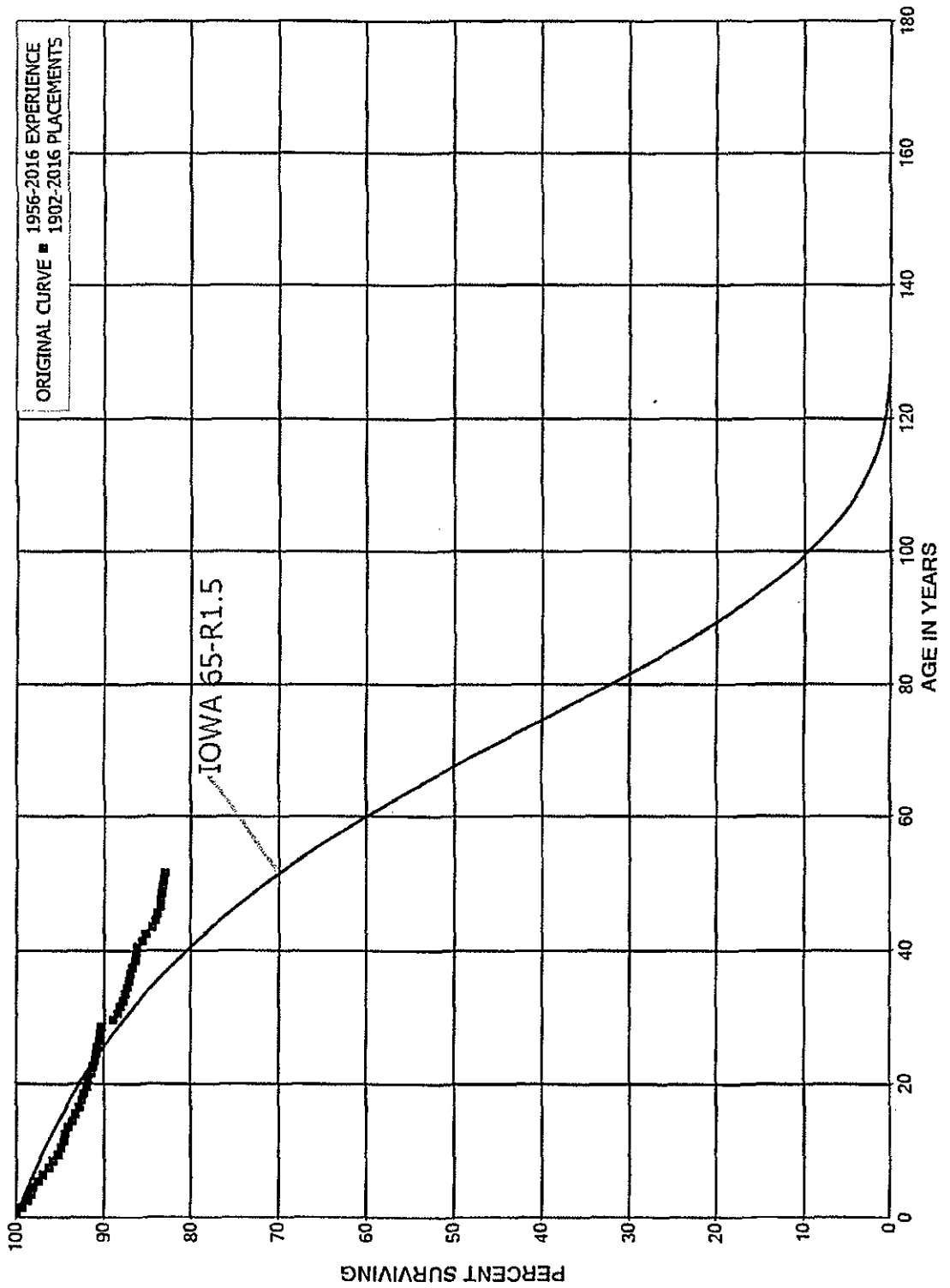
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1904-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	240,009	2,408	0.0100	0.9900	33.07
80.5	222,875	5,545	0.0249	0.9751	32.74
81.5	198,852	3,933	0.0198	0.9802	31.92
82.5	191,245	2,601	0.0136	0.9864	31.29
83.5	180,788	3,301	0.0183	0.9817	30.87
84.5	172,000	5,296	0.0308	0.9692	30.30
85.5	135,890	1,490	0.0110	0.9890	29.37
86.5	113,660	1,736	0.0153	0.9847	29.05
87.5	89,833	2,770	0.0308	0.9692	28.60
88.5	64,576	2,116	0.0328	0.9672	27.72
89.5	48,820	6,030	0.1235	0.8765	26.81
90.5	33,365	1,594	0.0478	0.9522	23.50
91.5	30,658	2,298	0.0750	0.9250	22.38
92.5	23,767		0.0000	1.0000	20.70
93.5	22,505	159	0.0071	0.9929	20.70
94.5	21,024	1,299	0.0618	0.9382	20.55
95.5	17,544		0.0000	1.0000	19.28
96.5	14,631	7	0.0005	0.9995	19.28
97.5	14,624	294	0.0201	0.9799	19.28
98.5	12,139	72	0.0059	0.9941	18.89
99.5	9,670	153	0.0158	0.9842	18.78
100.5	9,333	933	0.0999	0.9001	18.48
101.5	8,076		0.0000	1.0000	16.63
102.5	8,076		0.0000	1.0000	16.63
103.5	8,076		0.0000	1.0000	16.63
104.5	8,076		0.0000	1.0000	16.63
105.5	7,923		0.0000	1.0000	16.63
106.5					16.63

DUKE ENERGY OHIO
ACCOUNT 3691 SERVICES - UNDERGROUND
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNT 3691 SERVICES - UNDERGROUND

ORIGINAL LIFE TABLE

PLACEMENT BAND 1902-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	7,428,208	12,934	0.0017	0.9983	100.00
0.5	2,894,797	15,297	0.0053	0.9947	99.83
1.5	2,750,012	20,070	0.0073	0.9927	99.30
2.5	2,471,180	7,787	0.0032	0.9968	98.57
3.5	2,351,975	4,647	0.0020	0.9980	98.26
4.5	2,185,790	11,677	0.0053	0.9947	98.07
5.5	2,187,076	14,029	0.0064	0.9936	97.55
6.5	2,175,756	15,285	0.0070	0.9930	96.92
7.5	2,169,388	9,935	0.0046	0.9954	96.24
8.5	2,156,106	13,543	0.0063	0.9937	95.80
9.5	2,152,829	7,608	0.0035	0.9965	95.20
10.5	2,087,986	7,077	0.0034	0.9966	94.86
11.5	2,080,603	4,088	0.0020	0.9980	94.54
12.5	2,058,386	6,596	0.0032	0.9968	94.35
13.5	2,055,165	8,375	0.0041	0.9959	94.05
14.5	2,035,235	7,184	0.0035	0.9965	93.67
15.5	2,031,087	10,571	0.0052	0.9948	93.34
16.5	2,027,432	6,959	0.0034	0.9966	92.85
17.5	2,034,468	4,703	0.0023	0.9977	92.53
18.5	2,061,205	6,939	0.0034	0.9966	92.32
19.5	2,060,076	6,280	0.0030	0.9970	92.01
20.5	2,051,165	7,270	0.0035	0.9965	91.73
21.5	2,002,800	4,075	0.0020	0.9980	91.40
22.5	1,963,282	5,406	0.0028	0.9972	91.22
23.5	1,940,317	2,392	0.0012	0.9988	90.96
24.5	1,924,876	3,165	0.0016	0.9984	90.85
25.5	1,636,620	2,657	0.0016	0.9984	90.70
26.5	1,601,644	2,443	0.0015	0.9985	90.56
27.5	1,508,829	2,716	0.0018	0.9982	90.42
28.5	1,424,544	21,537	0.0151	0.9849	90.25
29.5	1,358,768	8,147	0.0060	0.9940	88.89
30.5	1,317,327	3,941	0.0030	0.9970	88.36
31.5	1,314,089	5,015	0.0038	0.9962	88.09
32.5	1,292,191	2,970	0.0023	0.9977	87.76
33.5	1,261,388	4,176	0.0033	0.9967	87.55
34.5	1,238,187	2,344	0.0019	0.9981	87.27
35.5	1,240,101	2,184	0.0018	0.9982	87.10
36.5	1,230,740	2,532	0.0021	0.9979	86.95
37.5	1,241,382	4,642	0.0037	0.9963	86.77
38.5	1,210,991	1,678	0.0014	0.9986	86.44

DUKE ENERGY OHIO

ACCOUNT 3691 SERVICES - UNDERGROUND

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1902-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	1,198,679	1,893	0.0016	0.9984	86.32
40.5	1,153,493	8,087	0.0070	0.9930	86.19
41.5	1,130,817	5,914	0.0052	0.9948	85.58
42.5	1,100,865	8,899	0.0081	0.9919	85.14
43.5	1,085,081	4,447	0.0041	0.9959	84.45
44.5	1,040,487	3,550	0.0034	0.9966	84.10
45.5	949,233	3,459	0.0036	0.9964	83.81
46.5	896,515	526	0.0006	0.9994	83.51
47.5	797,959	793	0.0010	0.9990	83.46
48.5	707,973	468	0.0007	0.9993	83.38
49.5	649,876	913	0.0014	0.9986	83.32
50.5	593,107	607	0.0010	0.9990	83.20
51.5	543,573	26	0.0000	1.0000	83.12
52.5	516,119	241	0.0005	0.9995	83.12
53.5	482,556	426	0.0009	0.9991	83.08
54.5	465,902	324	0.0007	0.9993	83.00
55.5	427,853	29	0.0001	0.9999	82.95
56.5	395,671	522	0.0013	0.9987	82.94
57.5	369,169	103	0.0003	0.9997	82.83
58.5	321,404	147	0.0005	0.9995	82.81
59.5	305,688	140	0.0005	0.9995	82.77
60.5	235,065	104	0.0004	0.9996	82.73
61.5	219,835	57	0.0003	0.9997	82.69
62.5	219,767	237	0.0011	0.9989	82.67
63.5	205,496	15	0.0001	0.9999	82.58
64.5	198,601	206	0.0010	0.9990	82.58
65.5	193,911		0.0000	1.0000	82.49
66.5	184,914		0.0000	1.0000	82.49
67.5	177,107		0.0000	1.0000	82.49
68.5	171,427	2	0.0000	1.0000	82.49
69.5	165,791	209	0.0013	0.9987	82.49
70.5	160,445		0.0000	1.0000	82.39
71.5	158,730		0.0000	1.0000	82.39
72.5	157,498		0.0000	1.0000	82.39
73.5	155,492		0.0000	1.0000	82.39
74.5	148,732		0.0000	1.0000	82.39
75.5	144,566		0.0000	1.0000	82.39
76.5	141,955		0.0000	1.0000	82.39
77.5	137,889	1	0.0000	1.0000	82.39
78.5	126,984		0.0000	1.0000	82.39

DUKE ENERGY OHIO

ACCOUNT 3691 SERVICES - UNDERGROUND

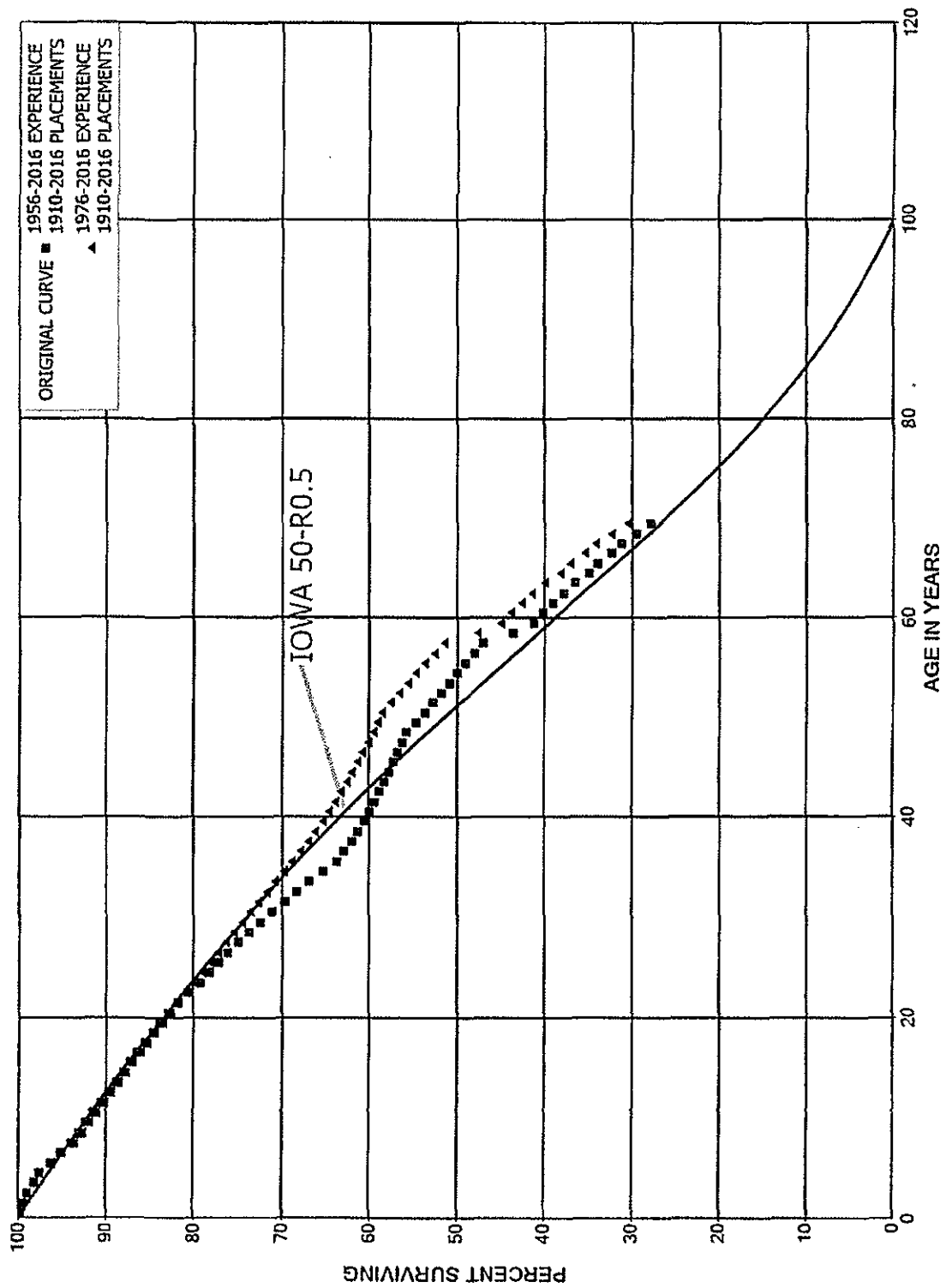
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1902-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	97,258		0.0000	1.0000	82.39
80.5	96,728		0.0000	1.0000	82.39
81.5	95,618		0.0000	1.0000	82.39
82.5	93,321		0.0000	1.0000	82.39
83.5	93,212		0.0000	1.0000	82.39
84.5	90,826		0.0000	1.0000	82.39
85.5	88,267		0.0000	1.0000	82.39
86.5	83,547		0.0000	1.0000	82.39
87.5	58,446		0.0000	1.0000	82.39
88.5	41,880		0.0000	1.0000	82.39
89.5	37,425		0.0000	1.0000	82.39
90.5	34,095		0.0000	1.0000	82.39
91.5	27,215		0.0000	1.0000	82.39
92.5	24,357		0.0000	1.0000	82.39
93.5	21,814		0.0000	1.0000	82.39
94.5	20,300		0.0000	1.0000	82.39
95.5	17,130		0.0000	1.0000	82.39
96.5	656		0.0000	1.0000	82.39
97.5	656		0.0000	1.0000	82.39
98.5	656		0.0000	1.0000	82.39
99.5	656		0.0000	1.0000	82.39
100.5	656		0.0000	1.0000	82.39
101.5	656		0.0000	1.0000	82.39
102.5	656		0.0000	1.0000	82.39
103.5	656		0.0000	1.0000	82.39
104.5	656		0.0000	1.0000	82.39
105.5	656		0.0000	1.0000	82.39
106.5					82.39

DUKE ENERGY OHIO
ACCOUNT 3692 SERVICES - OVERHEAD
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNT 3692 SERVICES - OVERHEAD

ORIGINAL LIFE TABLE

PLACEMENT BAND 1910-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	100,323,469	122,013	0.0012	0.9988	100.00
0.5	95,933,251	464,686	0.0048	0.9952	99.88
1.5	92,259,275	416,342	0.0045	0.9955	99.39
2.5	83,580,481	646,723	0.0077	0.9923	98.95
3.5	79,349,396	473,328	0.0060	0.9940	98.18
4.5	72,236,131	956,572	0.0132	0.9868	97.59
5.5	70,552,536	798,980	0.0113	0.9887	96.30
6.5	68,421,562	948,613	0.0139	0.9861	95.21
7.5	66,044,182	558,453	0.0085	0.9915	93.89
8.5	63,935,843	578,103	0.0090	0.9910	93.10
9.5	61,538,378	558,363	0.0091	0.9909	92.26
10.5	59,124,757	598,720	0.0101	0.9899	91.42
11.5	57,180,857	553,930	0.0097	0.9903	90.49
12.5	54,187,757	527,008	0.0097	0.9903	89.62
13.5	53,041,800	456,648	0.0086	0.9914	88.75
14.5	50,054,615	456,013	0.0091	0.9909	87.98
15.5	49,501,065	463,538	0.0094	0.9906	87.18
16.5	46,322,004	445,558	0.0096	0.9904	86.36
17.5	46,444,040	478,451	0.0103	0.9897	85.53
18.5	43,380,582	436,845	0.0101	0.9899	84.65
19.5	41,672,826	487,284	0.0117	0.9883	83.80
20.5	39,712,149	499,691	0.0126	0.9874	82.82
21.5	37,540,066	544,985	0.0145	0.9855	81.78
22.5	35,516,883	560,471	0.0158	0.9842	80.59
23.5	33,541,787	475,434	0.0142	0.9858	79.32
24.5	31,778,509	397,679	0.0125	0.9875	78.19
25.5	30,236,037	414,358	0.0137	0.9863	77.22
26.5	28,754,305	454,623	0.0158	0.9842	76.16
27.5	26,994,767	445,552	0.0165	0.9835	74.95
28.5	25,045,350	427,177	0.0171	0.9829	73.72
29.5	23,039,977	442,206	0.0192	0.9808	72.46
30.5	21,862,325	436,409	0.0200	0.9800	71.07
31.5	20,074,019	399,237	0.0199	0.9801	69.65
32.5	18,568,026	401,447	0.0216	0.9784	68.26
33.5	17,071,519	392,777	0.0230	0.9770	66.79
34.5	15,899,227	363,241	0.0228	0.9772	65.25
35.5	14,689,417	199,740	0.0136	0.9864	63.76
36.5	13,713,513	175,917	0.0128	0.9872	62.89
37.5	12,685,932	150,619	0.0119	0.9881	62.09
38.5	11,646,406	133,181	0.0114	0.9886	61.35

DUKE ENERGY OHIO

ACCOUNT 3692 SERVICES - OVERHEAD

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1910-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	10,619,587	117,439	0.0111	0.9889	60.65
40.5	9,681,505	97,157	0.0100	0.9900	59.98
41.5	8,830,670	86,730	0.0098	0.9902	59.38
42.5	7,921,277	75,427	0.0095	0.9905	58.79
43.5	7,304,117	65,197	0.0089	0.9911	58.23
44.5	6,599,033	60,942	0.0092	0.9908	57.71
45.5	5,966,149	52,417	0.0088	0.9912	57.18
46.5	5,447,198	44,584	0.0082	0.9918	56.68
47.5	4,940,751	39,247	0.0079	0.9921	56.21
48.5	4,527,185	89,199	0.0197	0.9803	55.77
49.5	3,989,051	75,934	0.0190	0.9810	54.67
50.5	3,573,273	63,650	0.0178	0.9822	53.63
51.5	3,197,760	56,356	0.0176	0.9824	52.67
52.5	2,875,668	49,883	0.0173	0.9827	51.74
53.5	2,565,905	42,524	0.0166	0.9834	50.85
54.5	2,255,177	42,037	0.0186	0.9814	50.00
55.5	1,931,715	40,145	0.0208	0.9792	49.07
56.5	1,655,016	33,473	0.0202	0.9798	48.05
57.5	1,390,178	101,095	0.0727	0.9273	47.08
58.5	1,106,256	63,833	0.0577	0.9423	43.66
59.5	877,129	22,865	0.0261	0.9739	41.14
60.5	698,196	19,637	0.0281	0.9719	40.06
61.5	600,773	17,976	0.0299	0.9701	38.94
62.5	496,433	17,642	0.0355	0.9645	37.77
63.5	461,395	19,612	0.0425	0.9575	36.43
64.5	438,285	13,370	0.0305	0.9695	34.88
65.5	404,487	18,148	0.0449	0.9551	33.82
66.5	353,542	12,031	0.0340	0.9660	32.30
67.5	311,988	16,849	0.0540	0.9460	31.20
68.5	267,763	15,228	0.0569	0.9431	29.52
69.5	229,646	14,569	0.0634	0.9366	27.84
70.5	202,207	336	0.0017	0.9983	26.07
71.5	195,525	3,620	0.0185	0.9815	26.03
72.5	186,478	400	0.0021	0.9979	25.55
73.5	181,839	2,230	0.0123	0.9877	25.49
74.5	172,707	263	0.0015	0.9985	25.18
75.5	160,178	1,030	0.0064	0.9936	25.14
76.5	154,922	623	0.0040	0.9960	24.98
77.5	144,485	1,404	0.0097	0.9903	24.88
78.5	140,103	4,419	0.0315	0.9685	24.64

DUKE ENERGY OHIO

ACCOUNT 3692 SERVICES - OVERHEAD

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1910-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	135,561	2,878	0.0212	0.9788	23.86
80.5	132,664	1,264	0.0095	0.9905	23.35
81.5	131,389	1,415	0.0108	0.9892	23.13
82.5	129,974	1,255	0.0097	0.9903	22.88
83.5	128,672	1,086	0.0084	0.9916	22.66
84.5	127,550	2,465	0.0193	0.9807	22.47
85.5	125,074	3,611	0.0289	0.9711	22.04
86.5	121,391	8,499	0.0700	0.9300	21.40
87.5	112,891	1,298	0.0115	0.9885	19.90
88.5	111,594		0.0000	1.0000	19.67
89.5	111,594	9,344	0.0837	0.9163	19.67
90.5	102,250	13,096	0.1281	0.8719	18.02
91.5	11		0.0000	1.0000	15.72
92.5					15.72

DUKE ENERGY OHIO

ACCOUNT 3692 SERVICES - OVERHEAD

ORIGINAL LIFE TABLE

PLACEMENT BAND 1910-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	85,621,709	111,096	0.0013	0.9987	100.00
0.5	82,083,387	425,457	0.0052	0.9948	99.87
1.5	79,364,419	381,886	0.0048	0.9952	99.35
2.5	71,307,485	600,472	0.0084	0.9916	98.87
3.5	67,941,023	433,125	0.0064	0.9936	98.04
4.5	61,604,155	912,650	0.0148	0.9852	97.42
5.5	60,598,617	748,033	0.0123	0.9877	95.97
6.5	58,977,102	897,108	0.0152	0.9848	94.79
7.5	57,055,072	501,708	0.0088	0.9912	93.35
8.5	55,453,592	505,803	0.0091	0.9909	92.53
9.5	53,639,557	487,895	0.0091	0.9909	91.68
10.5	51,799,646	493,285	0.0095	0.9905	90.85
11.5	50,466,240	450,942	0.0089	0.9911	89.98
12.5	48,033,400	460,887	0.0096	0.9904	89.18
13.5	47,427,054	429,049	0.0090	0.9910	88.32
14.5	44,925,392	425,063	0.0095	0.9905	87.52
15.5	44,813,556	433,646	0.0097	0.9903	86.70
16.5	42,154,614	413,284	0.0098	0.9902	85.86
17.5	42,094,317	431,185	0.0102	0.9898	85.02
18.5	39,552,244	398,342	0.0101	0.9899	84.14
19.5	38,327,128	409,219	0.0107	0.9893	83.30
20.5	36,675,673	393,946	0.0107	0.9893	82.41
21.5	34,884,051	379,284	0.0109	0.9891	81.52
22.5	33,244,346	368,812	0.0111	0.9889	80.64
23.5	31,596,595	357,217	0.0113	0.9887	79.74
24.5	30,046,831	324,353	0.0108	0.9892	78.84
25.5	28,638,835	328,070	0.0115	0.9885	77.99
26.5	27,224,537	309,616	0.0114	0.9886	77.10
27.5	25,578,624	301,611	0.0118	0.9882	76.22
28.5	23,689,554	295,666	0.0125	0.9875	75.32
29.5	21,807,781	273,262	0.0125	0.9875	74.38
30.5	20,150,010	262,293	0.0130	0.9870	73.45
31.5	18,550,489	245,246	0.0132	0.9868	72.49
32.5	17,207,169	227,140	0.0132	0.9868	71.53
33.5	15,908,488	217,509	0.0137	0.9863	70.59
34.5	14,961,834	203,001	0.0136	0.9864	69.62
35.5	13,942,112	187,594	0.0135	0.9865	68.68
36.5	13,014,601	173,647	0.0133	0.9867	67.76
37.5	12,002,365	150,397	0.0125	0.9875	66.85
38.5	10,962,934	132,185	0.0121	0.9879	66.01

DUKE ENERGY OHIO

ACCOUNT 3692 SERVICES - OVERHEAD

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1910-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	9,937,174	117,409	0.0118	0.9882	65.22
40.5	8,999,154	97,013	0.0108	0.9892	64.45
41.5	8,148,472	86,654	0.0106	0.9894	63.75
42.5	7,239,203	75,395	0.0104	0.9896	63.07
43.5	6,622,201	65,197	0.0098	0.9902	62.42
44.5	5,917,155	60,655	0.0103	0.9897	61.80
45.5	5,284,799	52,387	0.0099	0.9901	61.17
46.5	4,765,927	44,584	0.0094	0.9906	60.56
47.5	4,277,562	39,202	0.0092	0.9908	60.00
48.5	3,864,041	33,852	0.0088	0.9912	59.45
49.5	3,381,291	29,112	0.0086	0.9914	58.93
50.5	3,573,073	63,650	0.0178	0.9822	58.42
51.5	3,197,571	56,356	0.0176	0.9824	57.38
52.5	2,875,501	49,883	0.0173	0.9827	56.37
53.5	2,565,738	42,524	0.0166	0.9834	55.39
54.5	2,255,035	42,037	0.0186	0.9814	54.47
55.5	1,931,573	40,145	0.0208	0.9792	53.46
56.5	1,654,873	33,473	0.0202	0.9798	52.34
57.5	1,390,035	101,095	0.0727	0.9273	51.29
58.5	1,106,113	63,833	0.0577	0.9423	47.56
59.5	877,036	22,865	0.0261	0.9739	44.81
60.5	698,103	19,637	0.0281	0.9719	43.64
61.5	600,679	17,976	0.0299	0.9701	42.42
62.5	496,340	17,642	0.0355	0.9645	41.15
63.5	461,301	19,612	0.0425	0.9575	39.68
64.5	438,191	13,370	0.0305	0.9695	38.00
65.5	404,487	18,148	0.0449	0.9551	36.84
66.5	353,542	12,031	0.0340	0.9660	35.18
67.5	311,988	16,849	0.0540	0.9460	33.99
68.5	267,763	15,228	0.0569	0.9431	32.15
69.5	229,646	14,569	0.0634	0.9366	30.32
70.5	202,207	336	0.0017	0.9983	28.40
71.5	195,525	3,620	0.0185	0.9815	28.35
72.5	186,478	400	0.0021	0.9979	27.83
73.5	181,839	2,230	0.0123	0.9877	27.77
74.5	172,707	263	0.0015	0.9985	27.43
75.5	160,178	1,030	0.0064	0.9936	27.39
76.5	154,922	623	0.0040	0.9960	27.21
77.5	144,485	1,404	0.0097	0.9903	27.10
78.5	140,103	4,419	0.0315	0.9685	26.84

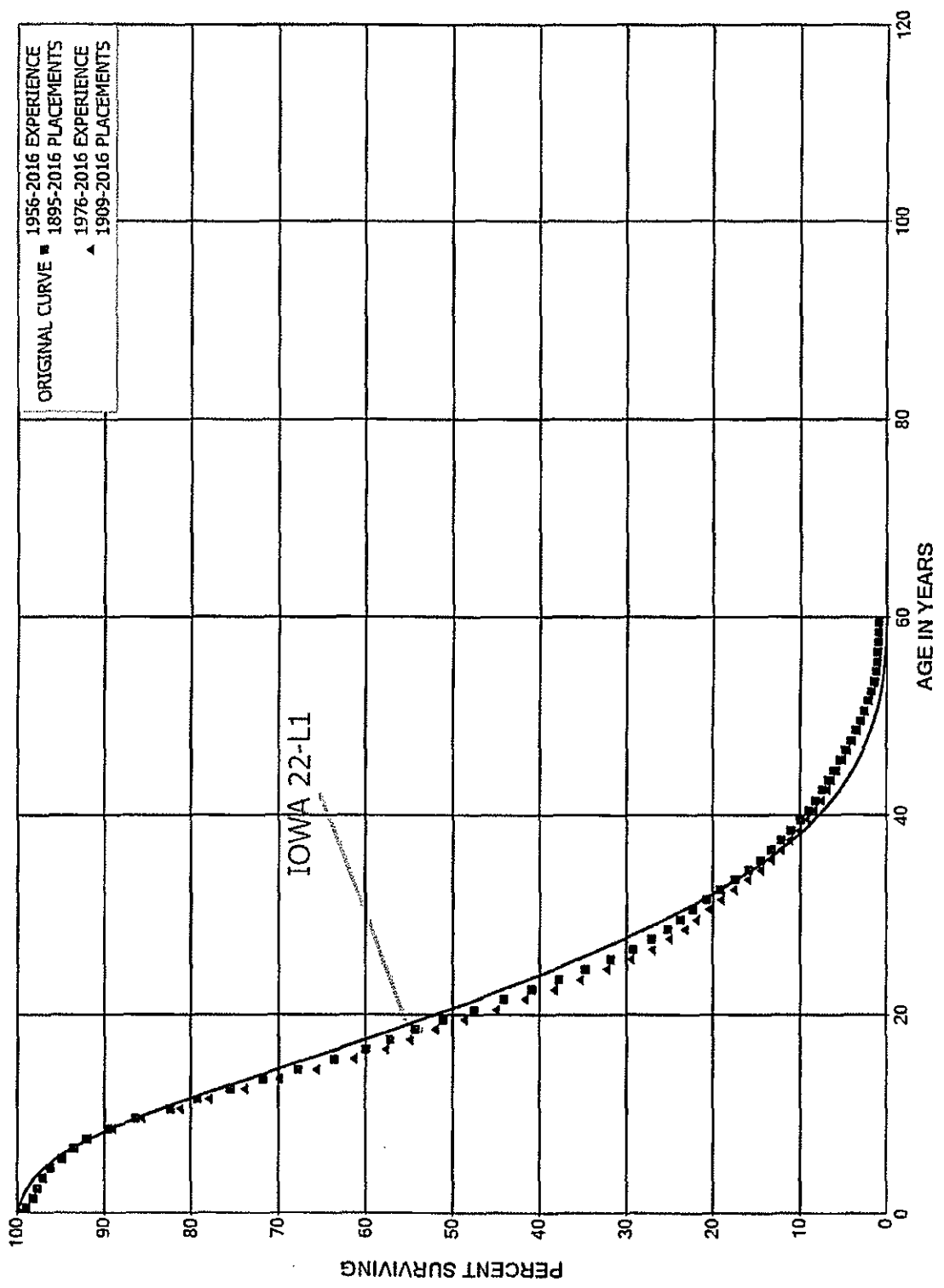
DUKE ENERGY OHIO

ACCOUNT 3692 SERVICES - OVERHEAD

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1910-2016			EXPERIENCE BAND 1976-2016		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	135,561	2,878	0.0212	0.9788	25.99
80.5	132,664	1,264	0.0095	0.9905	25.44
81.5	131,389	1,415	0.0108	0.9892	25.20
82.5	129,974	1,255	0.0097	0.9903	24.92
83.5	128,672	1,086	0.0084	0.9916	24.68
84.5	127,550	2,465	0.0193	0.9807	24.48
85.5	125,074	3,611	0.0289	0.9711	24.00
86.5	121,391	8,499	0.0700	0.9300	23.31
87.5	112,891	1,298	0.0115	0.9885	21.68
88.5	111,594		0.0000	1.0000	21.43
89.5	111,594	9,344	0.0837	0.9163	21.43
90.5	102,250	13,096	0.1281	0.8719	19.63
91.5	11		0.0000	1.0000	17.12
92.5					17.12

DUKE ENERGY OHIO
 ACCOUNTS 3700 AND 3701 METERS - METER INSTRUMENTATION TRANSFORMERS
 ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNTS 3700 AND 3701 METERS - METER INSTRUMENTATION TRANSFORMERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1895-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	112,118,526	1,127,392	0.0101	0.9899	100.00
0.5	111,525,985	877,515	0.0079	0.9921	98.99
1.5	107,587,951	557,749	0.0052	0.9948	98.22
2.5	104,141,580	706,193	0.0068	0.9932	97.71
3.5	102,641,926	971,742	0.0095	0.9905	97.04
4.5	99,788,312	1,359,192	0.0136	0.9864	96.13
5.5	97,913,379	1,385,034	0.0141	0.9859	94.82
6.5	95,989,454	1,399,374	0.0146	0.9854	93.47
7.5	93,837,176	2,711,303	0.0289	0.9711	92.11
8.5	90,343,325	3,041,913	0.0337	0.9663	89.45
9.5	86,589,804	4,018,845	0.0464	0.9536	86.44
10.5	81,937,331	3,143,512	0.0384	0.9616	82.43
11.5	78,287,726	3,711,870	0.0474	0.9526	79.26
12.5	74,214,847	3,714,013	0.0500	0.9500	75.51
13.5	70,200,901	3,912,035	0.0557	0.9443	71.73
14.5	66,099,274	3,974,356	0.0601	0.9399	67.73
15.5	61,619,897	3,448,150	0.0560	0.9440	63.66
16.5	57,663,995	2,681,154	0.0465	0.9535	60.10
17.5	54,335,813	2,839,115	0.0523	0.9477	57.30
18.5	50,667,437	3,062,876	0.0605	0.9395	54.31
19.5	47,185,118	3,300,027	0.0699	0.9301	51.02
20.5	43,224,452	3,061,308	0.0708	0.9292	47.46
21.5	39,832,063	2,974,693	0.0747	0.9253	44.10
22.5	36,558,028	2,785,088	0.0762	0.9238	40.80
23.5	33,385,756	2,635,357	0.0789	0.9211	37.69
24.5	30,522,073	2,620,588	0.0859	0.9141	34.72
25.5	27,678,285	2,260,888	0.0817	0.9183	31.74
26.5	25,293,484	1,840,890	0.0728	0.9272	29.14
27.5	23,419,733	1,564,316	0.0668	0.9332	27.02
28.5	21,874,020	1,304,153	0.0596	0.9404	25.22
29.5	20,522,968	1,275,738	0.0622	0.9378	23.72
30.5	19,241,727	1,310,630	0.0681	0.9319	22.24
31.5	17,930,339	1,419,679	0.0792	0.9208	20.73
32.5	16,486,384	1,475,620	0.0895	0.9105	19.08
33.5	15,011,119	1,355,549	0.0903	0.9097	17.38
34.5	13,654,393	1,169,515	0.0857	0.9143	15.81
35.5	12,447,802	991,576	0.0797	0.9203	14.45
36.5	11,351,942	960,004	0.0846	0.9154	13.30
37.5	10,266,644	972,690	0.0947	0.9053	12.18
38.5	9,233,572	913,150	0.0989	0.9011	11.02

DUKE ENERGY OHIO

ACCOUNTS 3700 AND 3701 METERS - METER INSTRUMENTATION TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1895-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	8,238,235	800,240	0.0971	0.9029	9.93
40.5	7,339,479	685,915	0.0935	0.9065	8.97
41.5	6,604,369	574,292	0.0870	0.9130	8.13
42.5	5,879,221	546,749	0.0930	0.9070	7.42
43.5	5,211,471	495,363	0.0951	0.9049	6.73
44.5	4,641,538	508,725	0.1096	0.8904	6.09
45.5	4,071,352	487,077	0.1196	0.8804	5.43
46.5	3,577,713	523,479	0.1463	0.8537	4.78
47.5	2,986,868	424,687	0.1422	0.8578	4.08
48.5	2,502,227	385,257	0.1540	0.8460	3.50
49.5	2,007,324	338,266	0.1685	0.8315	2.96
50.5	1,618,348	280,949	0.1736	0.8264	2.46
51.5	1,303,853	226,536	0.1737	0.8263	2.03
52.5	1,044,450	165,893	0.1588	0.8412	1.68
53.5	843,967	124,796	0.1479	0.8521	1.41
54.5	691,210	67,821	0.0981	0.9019	1.20
55.5	606,376	24,426	0.0403	0.9597	1.09
56.5	549,620	22,932	0.0417	0.9583	1.04
57.5	480,996	15,480	0.0322	0.9678	1.00
58.5	430,804	10,298	0.0239	0.9761	0.97
59.5	396,611	7,169	0.0181	0.9819	0.94
60.5	354,954	4,941	0.0139	0.9861	0.93
61.5	328,305	5,067	0.0154	0.9846	0.91
62.5	303,781	12,894	0.0424	0.9576	0.90
63.5	254,412	5,709	0.0224	0.9776	0.86
64.5	211,647	3,584	0.0169	0.9831	0.84
65.5	190,174	2,895	0.0152	0.9848	0.83
66.5	174,890	1,308	0.0075	0.9925	0.82
67.5	160,287	2,393	0.0149	0.9851	0.81
68.5	144,722	3,952	0.0273	0.9727	0.80
69.5	117,669	3,383	0.0287	0.9713	0.78
70.5	110,031	1,486	0.0135	0.9865	0.75
71.5	106,303	1,769	0.0166	0.9834	0.74
72.5	102,547	1,162	0.0113	0.9887	0.73
73.5	98,861	1,118	0.0113	0.9887	0.72
74.5	85,922	657	0.0076	0.9924	0.71
75.5	76,055	422	0.0055	0.9945	0.71
76.5	68,936	1,299	0.0188	0.9812	0.70
77.5	63,158	1,567	0.0248	0.9752	0.69
78.5	60,530	952	0.0157	0.9843	0.67

DUKE ENERGY OHIO

ACCOUNTS 3700 AND 3701 METERS - METER INSTRUMENTATION TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1895-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	53,180	2,504	0.0471	0.9529	0.66
80.5	48,452	1,238	0.0255	0.9745	0.63
81.5	46,807	1,710	0.0365	0.9635	0.62
82.5	44,061	1,399	0.0318	0.9682	0.59
83.5	41,493	1,034	0.0249	0.9751	0.57
84.5	40,291	662	0.0164	0.9836	0.56
85.5	37,663	876	0.0233	0.9767	0.55
86.5	32,780	741	0.0226	0.9774	0.54
87.5	22,772	651	0.0286	0.9714	0.53
88.5	17,357	386	0.0222	0.9778	0.51
89.5	12,730	145	0.0114	0.9886	0.50
90.5	11,228	72	0.0064	0.9936	0.49
91.5	8,030		0.0000	1.0000	0.49
92.5	4,489		0.0000	1.0000	0.49
93.5	1,956		0.0000	1.0000	0.49
94.5	50		0.0000	1.0000	0.49
95.5	40		0.0000	1.0000	0.49
96.5	40		0.0000	1.0000	0.49
97.5	40		0.0000	1.0000	0.49
98.5	21		0.0000	1.0000	0.49
99.5	21		0.0000	1.0000	0.49
100.5					0.49

DUKE ENERGY OHIO

ACCOUNTS 3700 AND 3701 METERS - METER INSTRUMENTATION TRANSFORMERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1909-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	98,082,790	1,122,830	0.0114	0.9886	100.00
0.5	97,741,778	701,470	0.0072	0.9928	98.86
1.5	94,561,557	496,313	0.0052	0.9948	98.15
2.5	91,651,946	653,855	0.0071	0.9929	97.63
3.5	90,575,567	899,138	0.0099	0.9901	96.93
4.5	88,195,732	1,293,193	0.0147	0.9853	95.97
5.5	86,714,572	1,284,293	0.0148	0.9852	94.56
6.5	85,052,997	1,315,857	0.0155	0.9845	93.16
7.5	83,124,512	2,636,562	0.0317	0.9683	91.72
8.5	79,978,951	2,943,308	0.0368	0.9632	88.81
9.5	76,827,139	3,918,187	0.0510	0.9490	85.55
10.5	72,786,007	3,029,415	0.0416	0.9584	81.18
11.5	69,843,843	3,627,420	0.0519	0.9481	77.80
12.5	66,446,541	3,617,082	0.0544	0.9456	73.76
13.5	62,956,461	3,807,850	0.0605	0.9395	69.75
14.5	59,297,479	3,841,492	0.0648	0.9352	65.53
15.5	55,527,036	3,295,790	0.0594	0.9406	61.28
16.5	52,261,795	2,562,334	0.0490	0.9510	57.65
17.5	49,427,854	2,738,261	0.0554	0.9446	54.82
18.5	46,174,297	2,963,982	0.0642	0.9358	51.78
19.5	43,304,442	3,207,445	0.0741	0.9259	48.46
20.5	39,705,400	2,981,476	0.0751	0.9249	44.87
21.5	36,697,538	2,897,487	0.0790	0.9210	41.50
22.5	33,757,881	2,719,052	0.0805	0.9195	38.22
23.5	30,950,636	2,572,951	0.0831	0.9169	35.14
24.5	28,345,063	2,557,107	0.0902	0.9098	32.22
25.5	25,723,789	2,192,905	0.0852	0.9148	29.32
26.5	23,494,405	1,773,449	0.0755	0.9245	26.82
27.5	21,746,982	1,493,579	0.0687	0.9313	24.79
28.5	20,349,026	1,231,937	0.0605	0.9395	23.09
29.5	19,024,769	1,194,755	0.0628	0.9372	21.69
30.5	17,711,620	1,215,333	0.0686	0.9314	20.33
31.5	16,407,627	1,311,987	0.0800	0.9200	18.93
32.5	14,961,804	1,357,858	0.0908	0.9092	17.42
33.5	13,581,370	1,256,231	0.0925	0.9075	15.84
34.5	12,374,525	1,070,447	0.0865	0.9135	14.37
35.5	11,289,836	893,167	0.0791	0.9209	13.13
36.5	10,333,220	875,195	0.0847	0.9153	12.09
37.5	9,380,907	890,639	0.0949	0.9051	11.07
38.5	8,463,165	834,045	0.0986	0.9014	10.02

DUKE ENERGY OHIO

ACCOUNTS 3700 AND 3701 METERS - METER INSTRUMENTATION TRANSFORMERS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1909-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	7,560,600	731,578	0.0968	0.9032	9.03
40.5	6,739,777	624,246	0.0926	0.9074	8.16
41.5	6,051,809	516,656	0.0854	0.9146	7.40
42.5	5,387,247	487,846	0.0906	0.9094	6.77
43.5	4,778,893	444,843	0.0931	0.9069	6.16
44.5	4,268,386	464,161	0.1087	0.8913	5.58
45.5	3,756,353	447,532	0.1191	0.8809	4.98
46.5	3,325,908	482,001	0.1449	0.8551	4.38
47.5	2,791,659	394,798	0.1414	0.8586	3.75
48.5	2,349,769	361,408	0.1538	0.8462	3.22
49.5	1,886,530	319,459	0.1693	0.8307	2.72
50.5	1,525,894	265,701	0.1741	0.8259	2.26
51.5	1,235,603	215,465	0.1744	0.8256	1.87
52.5	995,726	156,993	0.1577	0.8423	1.54
53.5	809,548	119,550	0.1477	0.8523	1.30
54.5	664,800	65,043	0.0978	0.9022	1.11
55.5	583,543	22,168	0.0380	0.9620	1.00
56.5	522,029	14,190	0.0272	0.9728	0.96
57.5	462,682	11,170	0.0241	0.9759	0.93
58.5	417,747	6,842	0.0164	0.9836	0.91
59.5	387,350	6,589	0.0170	0.9830	0.90
60.5	344,932	4,524	0.0131	0.9869	0.88
61.5	323,134	4,827	0.0149	0.9851	0.87
62.5	298,948	12,526	0.0419	0.9581	0.86
63.5	250,006	5,491	0.0220	0.9780	0.82
64.5	207,635	2,491	0.0120	0.9880	0.80
65.5	187,299	2,400	0.0128	0.9872	0.79
66.5	172,548	1,204	0.0070	0.9930	0.78
67.5	158,050	2,372	0.0150	0.9850	0.78
68.5	142,506	3,872	0.0272	0.9728	0.77
69.5	115,533	3,300	0.0286	0.9714	0.75
70.5	107,978	1,408	0.0130	0.9870	0.72
71.5	104,329	1,082	0.0104	0.9896	0.71
72.5	101,261	958	0.0095	0.9905	0.71
73.5	97,778	1,118	0.0114	0.9886	0.70
74.5	84,839	595	0.0070	0.9930	0.69
75.5	75,034	368	0.0049	0.9951	0.69
76.5	67,968	331	0.0049	0.9951	0.68
77.5	63,158	1,567	0.0248	0.9752	0.68
78.5	60,530	952	0.0157	0.9843	0.66

DUKE ENERGY OHIO

ACCOUNTS 3700 AND 3701 METERS - METER INSTRUMENTATION TRANSFORMERS

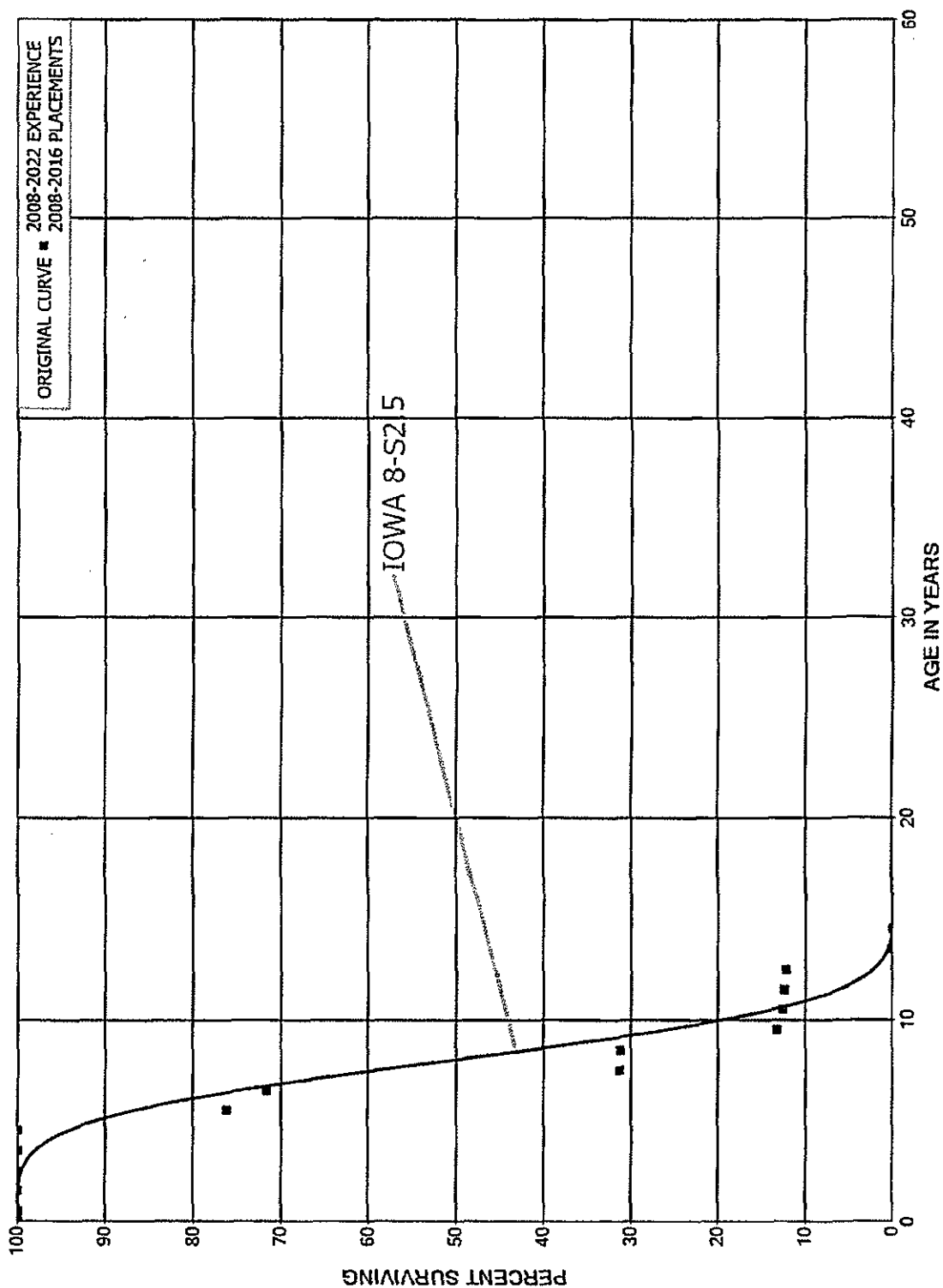
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1909-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	53,180	2,504	0.0471	0.9529	0.65
80.5	48,452	1,238	0.0255	0.9745	0.62
81.5	46,807	1,710	0.0365	0.9635	0.61
82.5	44,061	1,399	0.0318	0.9682	0.59
83.5	41,493	1,034	0.0249	0.9751	0.57
84.5	40,291	662	0.0164	0.9836	0.55
85.5	37,663	876	0.0233	0.9767	0.54
86.5	32,780	741	0.0226	0.9774	0.53
87.5	22,772	651	0.0286	0.9714	0.52
88.5	17,357	386	0.0222	0.9778	0.50
89.5	12,730	145	0.0114	0.9886	0.49
90.5	11,228	72	0.0064	0.9936	0.49
91.5	8,030		0.0000	1.0000	0.48
92.5	4,489		0.0000	1.0000	0.48
93.5	1,956		0.0000	1.0000	0.48
94.5	50		0.0000	1.0000	0.48
95.5	40		0.0000	1.0000	0.48
96.5	40		0.0000	1.0000	0.48
97.5	40		0.0000	1.0000	0.48
98.5	21		0.0000	1.0000	0.48
99.5	21		0.0000	1.0000	0.48
100.5					0.48

DUKE ENERGY OHIO
ACCOUNT 3702 METERS - UTILITY OF FUTURE
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNT 3702 METERS - UTILITY OF FUTURE

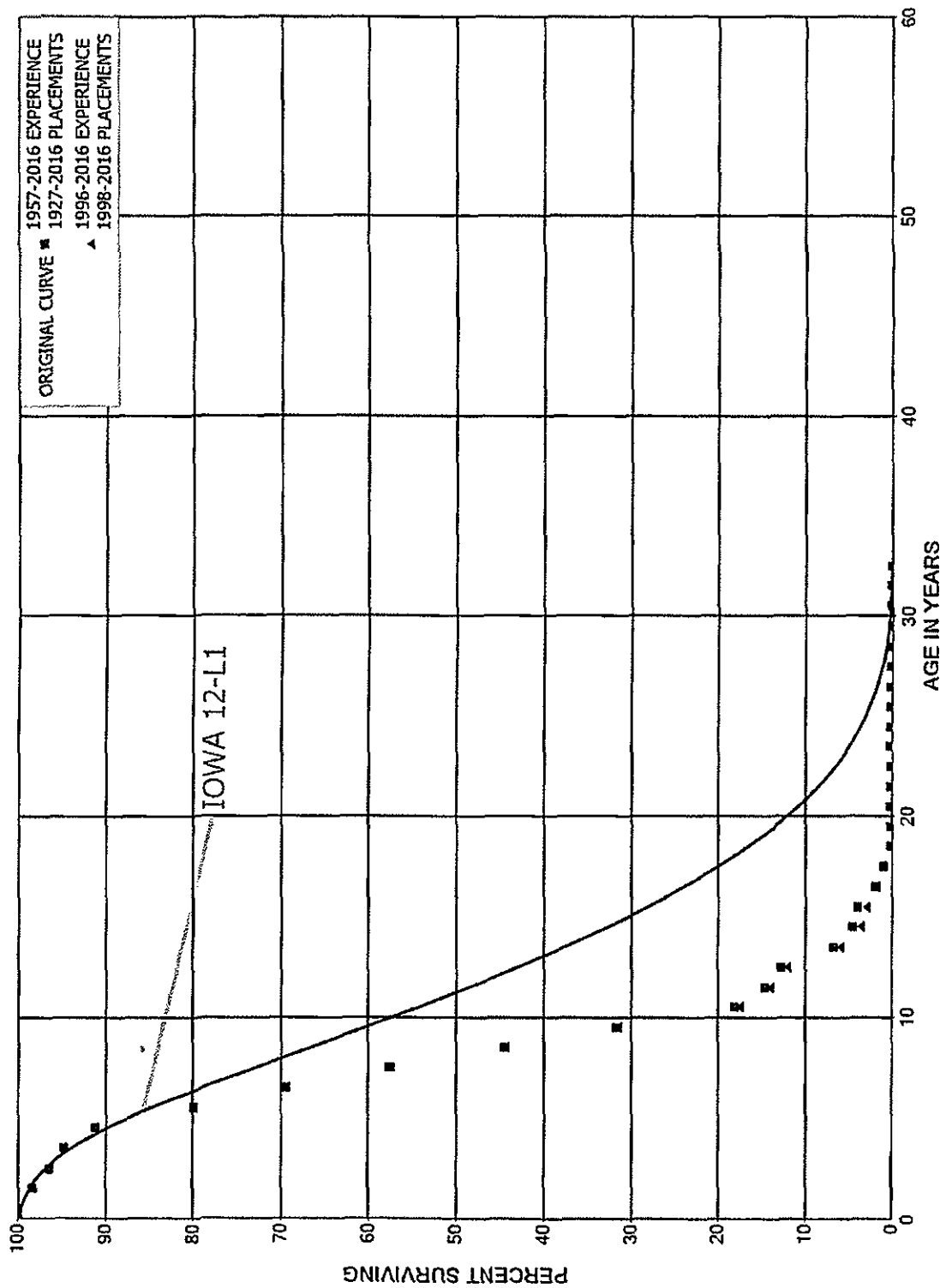
ORIGINAL LIFE TABLE

PLACEMENT BAND 2008-2016

EXPERIENCE BAND 2008-2022

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	70,690,338		0.0000	1.0000	100.00
0.5	70,727,197		0.0000	1.0000	100.00
1.5	71,396,142		0.0000	1.0000	100.00
2.5	71,606,809		0.0000	1.0000	100.00
3.5	71,826,734		0.0000	1.0000	100.00
4.5	72,291,325	17,193,569	0.2378	0.7622	100.00
5.5	55,167,988	3,346,880	0.0607	0.9393	76.22
6.5	49,340,052	27,816,511	0.5638	0.4362	71.59
7.5	21,005,825	16,073	0.0008	0.9992	31.23
8.5	20,989,752	12,149,891	0.5788	0.4212	31.21
9.5	8,839,862	464,591	0.0526	0.9474	13.14
10.5	8,375,271	70,232	0.0084	0.9916	12.45
11.5	8,305,039	84,395	0.0102	0.9898	12.35
12.5	8,220,644	8,204,458	0.9980	0.0020	12.22
13.5	16,187	16,187	1.0000		0.02
14.5					

DUKE ENERGY OHIO
 ACCOUNTS 3710 AND 3712 INSTALLATIONS ON CUSTOMER'S PREMISES
 ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNTS 3710 AND 3712 INSTALLATIONS ON CUSTOMER'S PREMISES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1927-2016

EXPERIENCE BAND 1957-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	7,277,659		0.0000	1.0000	100.00
0.5	7,238,404	127,155	0.0176	0.9824	100.00
1.5	6,951,973	132,384	0.0190	0.9810	98.24
2.5	5,257,204	88,023	0.0167	0.9833	96.37
3.5	3,733,395	139,462	0.0374	0.9626	94.76
4.5	806,232	99,783	0.1238	0.8762	91.22
5.5	706,449	91,712	0.1298	0.8702	79.93
6.5	614,211	104,303	0.1698	0.8302	69.55
7.5	509,594	116,752	0.2291	0.7709	57.74
8.5	390,663	111,869	0.2864	0.7136	44.51
9.5	259,320	111,897	0.4315	0.5685	31.77
10.5	133,890	25,427	0.1899	0.8101	18.06
11.5	106,761	13,885	0.1301	0.8699	14.63
12.5	92,876	43,555	0.4690	0.5310	12.73
13.5	47,137	15,384	0.3264	0.6736	6.76
14.5	31,753	4,535	0.1428	0.8572	4.55
15.5	27,217	14,413	0.5295	0.4705	3.90
16.5	12,805	6,476	0.5057	0.4943	1.84
17.5	7,831	6,176	0.7886	0.2114	0.91
18.5	1,655		0.0000	1.0000	0.19
19.5	3,545		0.0000	1.0000	0.19
20.5	3,545		0.0000	1.0000	0.19
21.5	3,545		0.0000	1.0000	0.19
22.5	3,739		0.0000	1.0000	0.19
23.5	16,248		0.0000	1.0000	0.19
24.5	16,316	1,502	0.0921	0.9079	0.19
25.5	15,219		0.0000	1.0000	0.17
26.5	28,933	163	0.0056	0.9944	0.17
27.5	29,344	11,152	0.3801	0.6199	0.17
28.5	18,731		0.0000	1.0000	0.11
29.5	19,012		0.0000	1.0000	0.11
30.5	19,012		0.0000	1.0000	0.11
31.5	19,012	1,890	0.0994	0.9006	0.11
32.5	17,123		0.0000	1.0000	0.10
33.5	17,123	12,509	0.7305	0.2695	0.10
34.5	4,614	0	0.0000	1.0000	0.03
35.5	4,614		0.0000	1.0000	0.03
36.5	4,614		0.0000	1.0000	0.03
37.5	4,614		0.0000	1.0000	0.03
38.5	4,614		0.0000	1.0000	0.03

DUKE ENERGY OHIO

ACCOUNTS 3710 AND 3712 INSTALLATIONS ON CUSTOMER'S PREMISES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1927-2016

EXPERIENCE BAND 1957-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	4,614	194	0.0421	0.9579	0.03
40.5	4,420		0.0000	1.0000	0.02
41.5	4,420	68	0.0154	0.9846	0.02
42.5	4,352	242	0.0556	0.9444	0.02
43.5	4,110	2,305	0.5608	0.4392	0.02
44.5	1,805	456	0.2527	0.7473	0.01
45.5	1,349	540	0.4003	0.5997	0.01
46.5	809	281	0.3473	0.6527	0.00
47.5	528	528	1.0000		0.00
48.5					

DUKE ENERGY OHIO

ACCOUNTS 3710 AND 3712 INSTALLATIONS ON CUSTOMER'S PREMISES

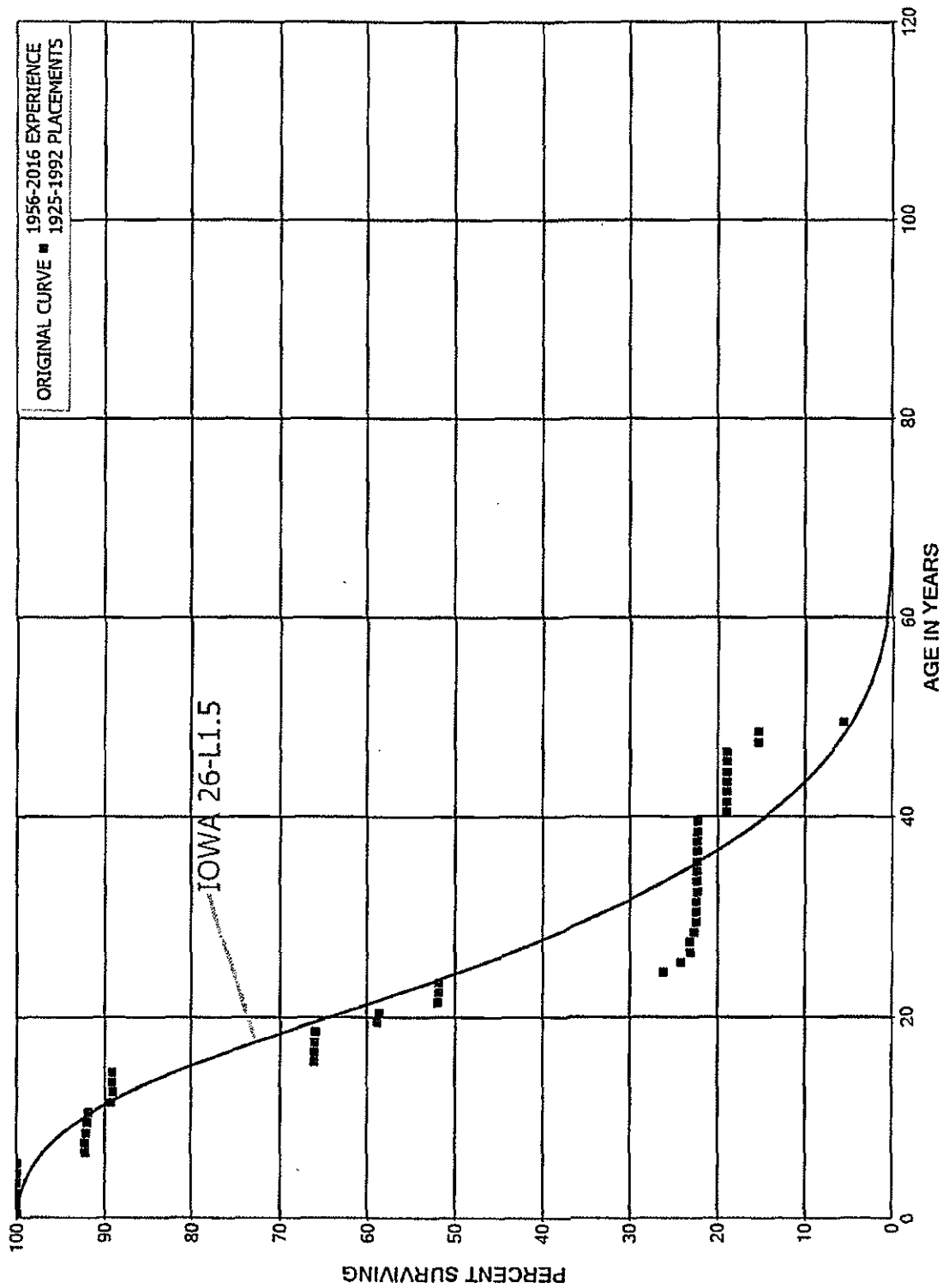
ORIGINAL LIFE TABLE

PLACEMENT BAND 1998-2016

EXPERIENCE BAND 1996-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	7,270,251		0.0000	1.0000	100.00
0.5	7,230,996	127,155	0.0176	0.9824	100.00
1.5	6,944,565	132,384	0.0191	0.9809	98.24
2.5	5,249,796	88,023	0.0168	0.9832	96.37
3.5	3,721,980	139,462	0.0375	0.9625	94.75
4.5	794,817	99,783	0.1255	0.8745	91.20
5.5	695,034	91,712	0.1320	0.8680	79.75
6.5	602,796	104,303	0.1730	0.8270	69.23
7.5	498,178	113,902	0.2286	0.7714	57.25
8.5	382,098	111,869	0.2928	0.7072	44.16
9.5	250,755	111,897	0.4462	0.5538	31.23
10.5	125,172	25,427	0.2031	0.7969	17.29
11.5	98,043	13,885	0.1416	0.8584	13.78
12.5	84,157	43,555	0.5175	0.4825	11.83
13.5	38,418	15,384	0.4004	0.5996	5.71
14.5	23,034	4,535	0.1969	0.8031	3.42
15.5	18,499	8,126	0.4393	0.5607	2.75
16.5	10,373	4,197	0.4046	0.5954	1.54
17.5	6,176	6,176	1.0000		0.92
18.5					

DUKE ENERGY OHIO
ACCOUNT 3720 LEASED PROPERTY ON CUSTOMER PREMISES
ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNT 3720 LEASED PROPERTY ON CUSTOMER PREMISES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1925-1992

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	803,892		0.0000	1.0000	100.00
0.5	803,892		0.0000	1.0000	100.00
1.5	792,598		0.0000	1.0000	100.00
2.5	733,149		0.0000	1.0000	100.00
3.5	733,396		0.0000	1.0000	100.00
4.5	768,402	431	0.0006	0.9994	100.00
5.5	767,971	59,738	0.0778	0.9222	99.94
6.5	734,331		0.0000	1.0000	92.17
7.5	737,416	1,204	0.0016	0.9984	92.17
8.5	736,572	339	0.0005	0.9995	92.02
9.5	736,233	1,179	0.0016	0.9984	91.98
10.5	735,054	20,505	0.0279	0.9721	91.83
11.5	714,769	1,301	0.0018	0.9982	89.27
12.5	713,721		0.0000	1.0000	89.11
13.5	713,721		0.0000	1.0000	89.11
14.5	717,554	185,441	0.2584	0.7416	89.11
15.5	532,349	68	0.0001	0.9999	66.08
16.5	533,232	220	0.0004	0.9996	66.07
17.5	533,105	861	0.0016	0.9984	66.04
18.5	532,329	56,844	0.1068	0.8932	65.93
19.5	475,485	2,348	0.0049	0.9951	58.89
20.5	473,649	53,728	0.1134	0.8866	58.60
21.5	419,921	1,143	0.0027	0.9973	51.96
22.5	415,281		0.0000	1.0000	51.81
23.5	415,281	205,785	0.4955	0.5045	51.81
24.5	206,248	15,461	0.0750	0.9250	26.14
25.5	191,555	8,459	0.0442	0.9558	24.18
26.5	183,096	166	0.0009	0.9991	23.11
27.5	182,930	3,840	0.0210	0.9790	23.09
28.5	179,090	1,331	0.0074	0.9926	22.61
29.5	177,759	577	0.0032	0.9968	22.44
30.5	177,586		0.0000	1.0000	22.36
31.5	177,586	752	0.0042	0.9958	22.36
32.5	176,834		0.0000	1.0000	22.27
33.5	172,786		0.0000	1.0000	22.27
34.5	172,786		0.0000	1.0000	22.27
35.5	172,786	33	0.0002	0.9998	22.27
36.5	172,753		0.0000	1.0000	22.27
37.5	172,753		0.0000	1.0000	22.27
38.5	172,753		0.0000	1.0000	22.27

DUKE ENERGY OHIO

ACCOUNT 3720 LEASED PROPERTY ON CUSTOMER PREMISES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1925-1992

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	169,122	25,285	0.1495	0.8505	22.27
40.5	143,837		0.0000	1.0000	18.94
41.5	143,837		0.0000	1.0000	18.94
42.5	141,952		0.0000	1.0000	18.94
43.5	141,952		0.0000	1.0000	18.94
44.5	141,952		0.0000	1.0000	18.94
45.5	141,952		0.0000	1.0000	18.94
46.5	141,952	27,604	0.1945	0.8055	18.94
47.5	114,348		0.0000	1.0000	15.25
48.5	40,437	25,800	0.6380	0.3620	15.25
49.5	10,191		0.0000	1.0000	5.52
50.5	10,191		0.0000	1.0000	5.52
51.5	10,191		0.0000	1.0000	5.52
52.5	10,191		0.0000	1.0000	5.52
53.5	8,757		0.0000	1.0000	5.52
54.5	8,757		0.0000	1.0000	5.52
55.5	8,757		0.0000	1.0000	5.52
56.5	8,118		0.0000	1.0000	5.52
57.5	8,118		0.0000	1.0000	5.52
58.5	8,118		0.0000	1.0000	5.52
59.5	7,976		0.0000	1.0000	5.52
60.5	7,976		0.0000	1.0000	5.52
61.5	7,976		0.0000	1.0000	5.52
62.5	7,976		0.0000	1.0000	5.52
63.5	7,976		0.0000	1.0000	5.52
64.5	7,976		0.0000	1.0000	5.52
65.5	2,227		0.0000	1.0000	5.52
66.5	2,227		0.0000	1.0000	5.52
67.5	2,101		0.0000	1.0000	5.52
68.5	1,551		0.0000	1.0000	5.52
69.5	1,551		0.0000	1.0000	5.52
70.5	1,551		0.0000	1.0000	5.52
71.5	1,551		0.0000	1.0000	5.52
72.5	1,551		0.0000	1.0000	5.52
73.5	1,551		0.0000	1.0000	5.52
74.5	1,551		0.0000	1.0000	5.52
75.5	1,551		0.0000	1.0000	5.52
76.5	1,315		0.0000	1.0000	5.52
77.5	1,315		0.0000	1.0000	5.52
78.5	1,315		0.0000	1.0000	5.52

DUKE ENERGY OHIO

ACCOUNT 3720 LEASED PROPERTY ON CUSTOMER PREMISES

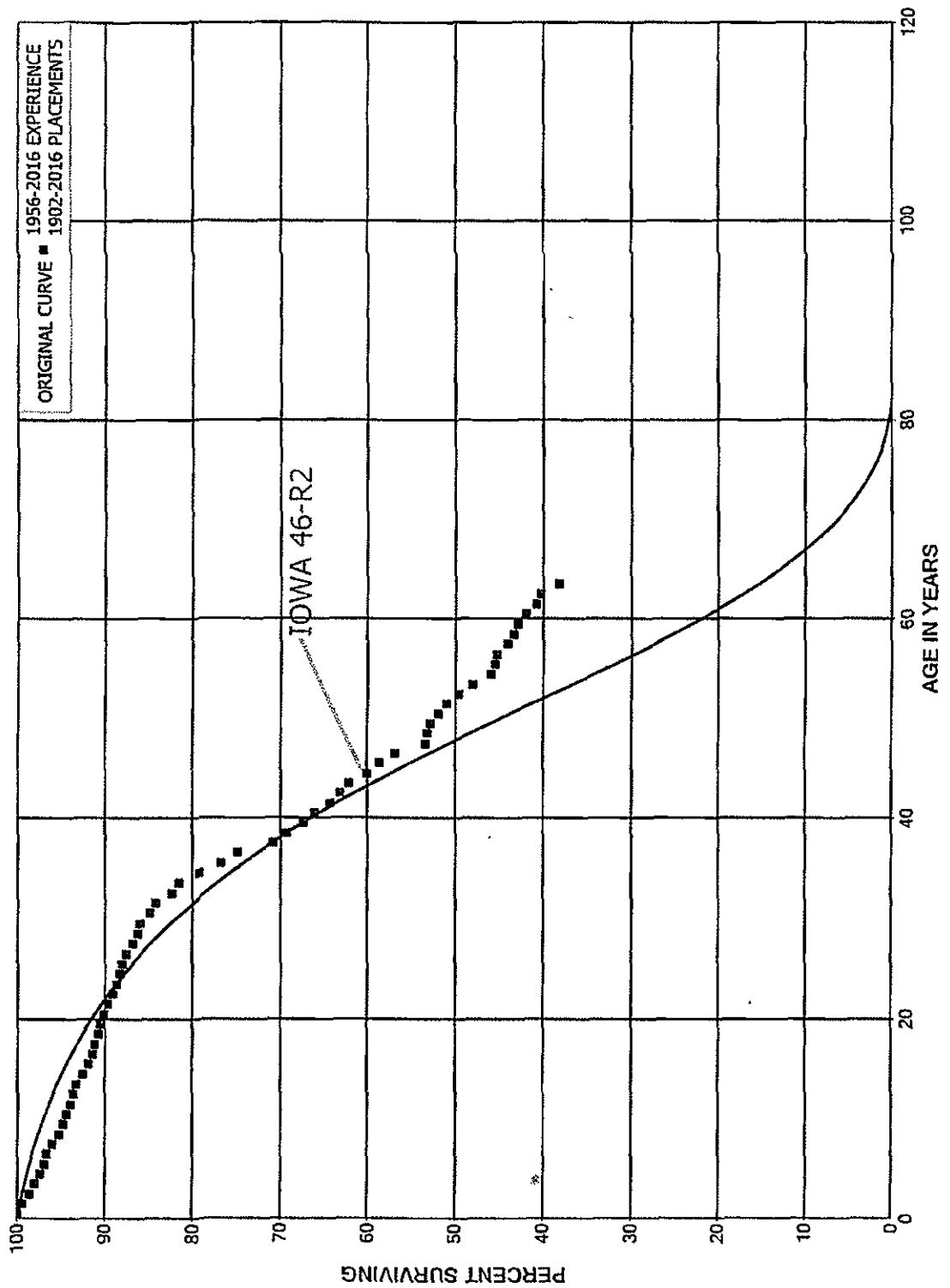
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1925-1992

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	1,315		0.0000	1.0000	5.52
80.5	1,315		0.0000	1.0000	5.52
81.5	1,315		0.0000	1.0000	5.52
82.5	1,315		0.0000	1.0000	5.52
83.5	1,315		0.0000	1.0000	5.52
84.5	1,315		0.0000	1.0000	5.52
85.5	404		0.0000	1.0000	5.52
86.5	404		0.0000	1.0000	5.52
87.5	404		0.0000	1.0000	5.52
88.5	404		0.0000	1.0000	5.52
89.5	404		0.0000	1.0000	5.52
90.5	404		0.0000	1.0000	5.52
91.5					5.52

DUKE ENERGY OHIO
 ACCOUNT 3732 STREET LIGHTING AND SIGNAL SYSTEMS - BOULEVARD
 ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNT 3732 STREET LIGHTING AND SIGNAL SYSTEMS - BOULEVARD

ORIGINAL LIFE TABLE

PLACEMENT BAND 1902-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	28,157,075	20,653	0.0007	0.9993	100.00
0.5	28,265,261	165,870	0.0059	0.9941	99.93
1.5	28,286,024	193,634	0.0068	0.9932	99.34
2.5	28,117,770	174,410	0.0062	0.9938	98.66
3.5	29,171,382	180,038	0.0062	0.9938	98.05
4.5	29,021,910	141,173	0.0049	0.9951	97.44
5.5	28,843,396	113,202	0.0039	0.9961	96.97
6.5	28,519,596	193,923	0.0068	0.9932	96.59
7.5	27,615,474	224,394	0.0081	0.9919	95.93
8.5	25,707,278	117,633	0.0046	0.9954	95.15
9.5	23,280,816	87,362	0.0038	0.9962	94.72
10.5	20,707,553	85,460	0.0041	0.9959	94.36
11.5	18,387,619	60,570	0.0033	0.9967	93.97
12.5	15,151,141	58,756	0.0039	0.9961	93.66
13.5	13,858,016	120,182	0.0087	0.9913	93.30
14.5	12,673,481	92,494	0.0073	0.9927	92.49
15.5	12,145,763	61,148	0.0050	0.9950	91.82
16.5	10,260,736	21,621	0.0021	0.9979	91.35
17.5	8,919,348	40,023	0.0045	0.9955	91.16
18.5	7,669,756	24,900	0.0032	0.9968	90.75
19.5	6,978,553	29,388	0.0042	0.9958	90.46
20.5	6,038,674	32,766	0.0054	0.9946	90.08
21.5	5,349,364	30,063	0.0056	0.9944	89.59
22.5	4,296,939	22,007	0.0051	0.9949	89.08
23.5	3,596,356	11,764	0.0033	0.9967	88.63
24.5	3,327,014	15,978	0.0048	0.9952	88.34
25.5	2,859,584	12,310	0.0043	0.9957	87.91
26.5	2,560,352	24,408	0.0095	0.9905	87.53
27.5	2,248,457	13,246	0.0059	0.9941	86.70
28.5	2,075,023	6,489	0.0031	0.9969	86.19
29.5	1,950,784	23,711	0.0122	0.9878	85.92
30.5	1,996,451	17,538	0.0088	0.9912	84.88
31.5	2,024,817	43,144	0.0213	0.9787	84.13
32.5	1,855,469	19,983	0.0108	0.9892	82.34
33.5	1,697,176	44,607	0.0263	0.9737	81.45
34.5	1,624,643	50,101	0.0308	0.9692	79.31
35.5	1,428,590	36,234	0.0254	0.9746	76.86
36.5	1,492,493	81,755	0.0548	0.9452	74.91
37.5	1,337,485	28,767	0.0215	0.9785	70.81
38.5	1,278,674	36,022	0.0282	0.9718	69.29

DUKE ENERGY OHIO

ACCOUNT 3732 STREET LIGHTING AND SIGNAL SYSTEMS - BOULEVARD

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1902-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	1,219,771	23,658	0.0194	0.9806	67.34
40.5	1,159,932	31,068	0.0268	0.9732	66.03
41.5	1,096,382	19,381	0.0177	0.9823	64.26
42.5	1,065,085	15,763	0.0148	0.9852	63.13
43.5	935,278	29,915	0.0320	0.9680	62.19
44.5	852,731	22,351	0.0262	0.9738	60.20
45.5	834,066	25,626	0.0307	0.9693	58.62
46.5	792,734	48,412	0.0611	0.9389	56.82
47.5	741,047	2,710	0.0037	0.9963	53.35
48.5	732,589	4,369	0.0060	0.9940	53.16
49.5	726,649	12,966	0.0178	0.9822	52.84
50.5	710,509	13,281	0.0187	0.9813	51.90
51.5	693,439	18,355	0.0265	0.9735	50.93
52.5	670,724	21,141	0.0315	0.9685	49.58
53.5	656,304	29,060	0.0443	0.9557	48.02
54.5	626,749	4,646	0.0074	0.9926	45.89
55.5	607,157	3,379	0.0056	0.9944	45.55
56.5	600,255	16,681	0.0278	0.9722	45.30
57.5	578,968	10,597	0.0183	0.9817	44.04
58.5	497,478	5,111	0.0103	0.9897	43.23
59.5	476,617	9,694	0.0203	0.9797	42.79
60.5	445,374	12,953	0.0291	0.9709	41.92
61.5	420,803	4,151	0.0099	0.9901	40.70
62.5	268,046	13,920	0.0519	0.9481	40.30
63.5	250,035	4,726	0.0189	0.9811	38.20
64.5	236,001	2,014	0.0085	0.9915	37.48
65.5	218,143	2,235	0.0102	0.9898	37.16
66.5	212,038	3,616	0.0171	0.9829	36.78
67.5	205,292	2,029	0.0099	0.9901	36.15
68.5	203,102	2,284	0.0112	0.9888	35.80
69.5	199,187	256	0.0013	0.9987	35.39
70.5	198,840	1,572	0.0079	0.9921	35.35
71.5	196,388	882	0.0045	0.9955	35.07
72.5	195,026	246	0.0013	0.9987	34.91
73.5	194,383	387	0.0020	0.9980	34.87
74.5	187,363	353	0.0019	0.9981	34.80
75.5	185,693	165	0.0009	0.9991	34.73
76.5	184,829	57	0.0003	0.9997	34.70
77.5	184,764	13	0.0001	0.9999	34.69
78.5	158,038		0.0000	1.0000	34.69

DUKE ENERGY OHIO

ACCOUNT 3732 STREET LIGHTING AND SIGNAL SYSTEMS - BOULEVARD

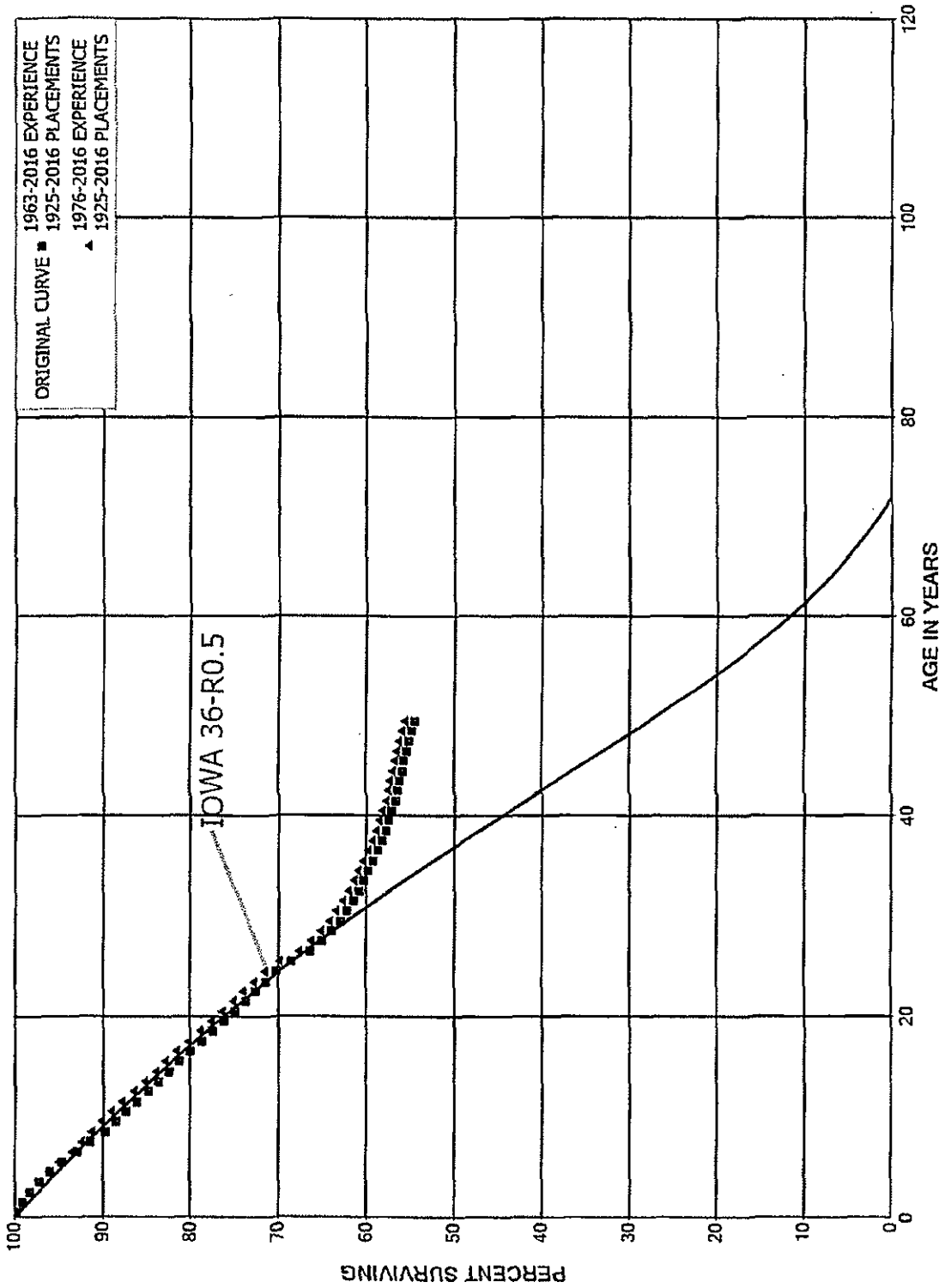
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1902-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	157,992	26	0.0002	0.9998	34.69
80.5	157,744		0.0000	1.0000	34.68
81.5	157,668	1,716	0.0109	0.9891	34.68
82.5	154,602	9	0.0001	0.9999	34.31
83.5	154,593	265	0.0017	0.9983	34.30
84.5	153,874	254	0.0017	0.9983	34.25
85.5	152,563		0.0000	1.0000	34.19
86.5	149,142	20	0.0001	0.9999	34.19
87.5	144,792	32	0.0002	0.9998	34.18
88.5	144,553		0.0000	1.0000	34.18
89.5	143,889		0.0000	1.0000	34.18
90.5	131,526		0.0000	1.0000	34.18
91.5	84,239		0.0000	1.0000	34.18
92.5	68,993		0.0000	1.0000	34.18
93.5	68,993		0.0000	1.0000	34.18
94.5	66,197		0.0000	1.0000	34.18
95.5	55,771		0.0000	1.0000	34.18
96.5	48,983		0.0000	1.0000	34.18
97.5	26,491		0.0000	1.0000	34.18
98.5	26,491		0.0000	1.0000	34.18
99.5	26,491		0.0000	1.0000	34.18
100.5	26,491		0.0000	1.0000	34.18
101.5	26,491		0.0000	1.0000	34.18
102.5	23,654		0.0000	1.0000	34.18
103.5	23,594		0.0000	1.0000	34.18
104.5	18,675		0.0000	1.0000	34.18
105.5	18,675		0.0000	1.0000	34.18
106.5					34.18

DUKE ENERGY OHIO
 ACCOUNT 3733 STREET LIGHT AND SIGNAL SYSTEMS - CUSTOMER POLES
 ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNT 3733 STREET LIGHT AND SIGNAL SYSTEMS - CUSTOMER POLES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1925-2016

EXPERIENCE BAND 1963-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	17,404,579	51,337	0.0029	0.9971	100.00
0.5	17,399,532	103,558	0.0060	0.9940	99.71
1.5	17,826,094	151,572	0.0085	0.9915	99.11
2.5	17,721,790	193,354	0.0109	0.9891	98.27
3.5	19,164,135	246,660	0.0129	0.9871	97.20
4.5	18,920,045	267,488	0.0141	0.9859	95.95
5.5	18,600,902	342,674	0.0184	0.9816	94.59
6.5	18,061,905	285,176	0.0158	0.9842	92.85
7.5	17,140,496	319,610	0.0186	0.9814	91.38
8.5	16,746,744	215,342	0.0129	0.9871	89.68
9.5	15,219,469	185,704	0.0122	0.9878	88.52
10.5	13,730,957	193,535	0.0141	0.9859	87.44
11.5	11,729,297	182,497	0.0156	0.9844	86.21
12.5	9,856,336	149,125	0.0151	0.9849	84.87
13.5	9,239,062	132,806	0.0144	0.9856	83.59
14.5	8,638,574	112,201	0.0130	0.9870	82.38
15.5	8,138,653	120,573	0.0148	0.9852	81.31
16.5	7,737,790	128,652	0.0166	0.9834	80.11
17.5	7,239,170	118,805	0.0164	0.9836	78.78
18.5	6,710,758	112,223	0.0167	0.9833	77.48
19.5	6,281,110	101,284	0.0161	0.9839	76.19
20.5	5,780,707	93,072	0.0161	0.9839	74.96
21.5	5,393,086	82,750	0.0153	0.9847	73.75
22.5	4,994,351	86,751	0.0174	0.9826	72.62
23.5	4,656,628	77,088	0.0166	0.9834	71.36
24.5	4,245,791	103,227	0.0243	0.9757	70.18
25.5	3,884,881	119,622	0.0308	0.9692	68.47
26.5	3,524,156	69,673	0.0198	0.9802	66.36
27.5	3,258,661	56,303	0.0173	0.9827	65.05
28.5	3,060,846	44,530	0.0145	0.9855	63.93
29.5	2,895,761	34,482	0.0119	0.9881	63.00
30.5	2,749,273	31,754	0.0115	0.9885	62.25
31.5	2,603,899	27,633	0.0106	0.9894	61.53
32.5	2,492,105	24,735	0.0099	0.9901	60.88
33.5	2,392,955	18,225	0.0076	0.9924	60.27
34.5	2,232,016	21,051	0.0094	0.9906	59.81
35.5	1,905,808	16,535	0.0087	0.9913	59.25
36.5	1,638,216	13,668	0.0083	0.9917	58.73
37.5	1,408,958	10,633	0.0075	0.9925	58.24
38.5	1,208,443	6,122	0.0051	0.9949	57.81

DUKE ENERGY OHIO

ACCOUNT 3733 STREET LIGHT AND SIGNAL SYSTEMS - CUSTOMER POLES

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1925-2016

EXPERIENCE BAND 1963-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	1,051,083	6,907	0.0066	0.9934	57.51
40.5	933,228	6,671	0.0071	0.9929	57.13
41.5	804,925	4,502	0.0056	0.9944	56.73
42.5	675,310	3,349	0.0050	0.9950	56.41
43.5	568,004	2,629	0.0046	0.9954	56.13
44.5	458,098	1,630	0.0036	0.9964	55.87
45.5	396,191	1,959	0.0049	0.9951	55.67
46.5	325,120	1,467	0.0045	0.9955	55.40
47.5	261,385	1,331	0.0051	0.9949	55.15
48.5	197,552	1,270	0.0064	0.9936	54.86
49.5	158,290	1,515	0.0096	0.9904	54.51
50.5	104,736	1,258	0.0120	0.9880	53.99
51.5	68,385	1,170	0.0171	0.9829	53.34
52.5	29,588	707	0.0239	0.9761	52.43
53.5	5,136	135	0.0264	0.9736	51.18
54.5	1,928	278	0.1443	0.8557	49.83
55.5	888		0.0000	1.0000	42.64
56.5	888		0.0000	1.0000	42.64
57.5	888		0.0000	1.0000	42.64
58.5	32		0.0000	1.0000	42.64
59.5	32		0.0000	1.0000	42.64
60.5	32		0.0000	1.0000	42.64
61.5	32		0.0000	1.0000	42.64
62.5	32		0.0000	1.0000	42.64
63.5					42.64

DUKE ENERGY OHIO

ACCOUNT 3733 STREET LIGHT AND SIGNAL SYSTEMS - CUSTOMER POLES

ORIGINAL LIFE TABLE

PLACEMENT BAND 1925-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	14,599,337	49,199	0.0034	0.9966	100.00
0.5	14,844,791	95,164	0.0064	0.9936	99.66
1.5	15,560,665	128,305	0.0082	0.9918	99.02
2.5	15,714,748	167,997	0.0107	0.9893	98.21
3.5	17,400,307	212,308	0.0122	0.9878	97.16
4.5	17,382,584	206,859	0.0119	0.9881	95.97
5.5	17,317,023	261,571	0.0151	0.9849	94.83
6.5	17,058,674	205,944	0.0121	0.9879	93.40
7.5	16,405,671	199,622	0.0122	0.9878	92.27
8.5	16,248,061	196,219	0.0121	0.9879	91.15
9.5	14,897,787	179,121	0.0120	0.9880	90.05
10.5	13,518,654	188,498	0.0139	0.9861	88.96
11.5	11,631,114	179,537	0.0154	0.9846	87.72
12.5	9,833,158	148,278	0.0151	0.9849	86.37
13.5	9,229,698	132,806	0.0144	0.9856	85.07
14.5	8,636,196	112,201	0.0130	0.9870	83.84
15.5	8,136,476	120,573	0.0148	0.9852	82.75
16.5	7,735,675	128,637	0.0166	0.9834	81.53
17.5	7,238,363	118,805	0.0164	0.9836	80.17
18.5	6,709,974	112,223	0.0167	0.9833	78.86
19.5	6,280,327	101,284	0.0161	0.9839	77.54
20.5	5,780,280	93,072	0.0161	0.9839	76.29
21.5	5,392,710	82,750	0.0153	0.9847	75.06
22.5	4,994,006	86,751	0.0174	0.9826	73.91
23.5	4,656,557	77,088	0.0166	0.9834	72.62
24.5	4,245,588	103,227	0.0243	0.9757	71.42
25.5	3,884,678	119,622	0.0308	0.9692	69.68
26.5	3,523,953	69,673	0.0198	0.9802	67.54
27.5	3,258,508	56,303	0.0173	0.9827	66.20
28.5	3,060,694	44,530	0.0145	0.9855	65.06
29.5	2,895,609	34,482	0.0119	0.9881	64.11
30.5	2,749,120	31,754	0.0116	0.9884	63.35
31.5	2,603,747	27,633	0.0106	0.9894	62.62
32.5	2,491,953	24,735	0.0099	0.9901	61.95
33.5	2,392,803	18,225	0.0076	0.9924	61.34
34.5	2,231,864	21,030	0.0094	0.9906	60.87
35.5	1,905,676	16,535	0.0087	0.9913	60.30
36.5	1,638,084	13,668	0.0083	0.9917	59.77
37.5	1,408,812	10,633	0.0075	0.9925	59.27
38.5	1,208,297	6,122	0.0051	0.9949	58.83

DUKE ENERGY OHIO

ACCOUNT 3733 STREET LIGHT AND SIGNAL SYSTEMS - CUSTOMER POLES

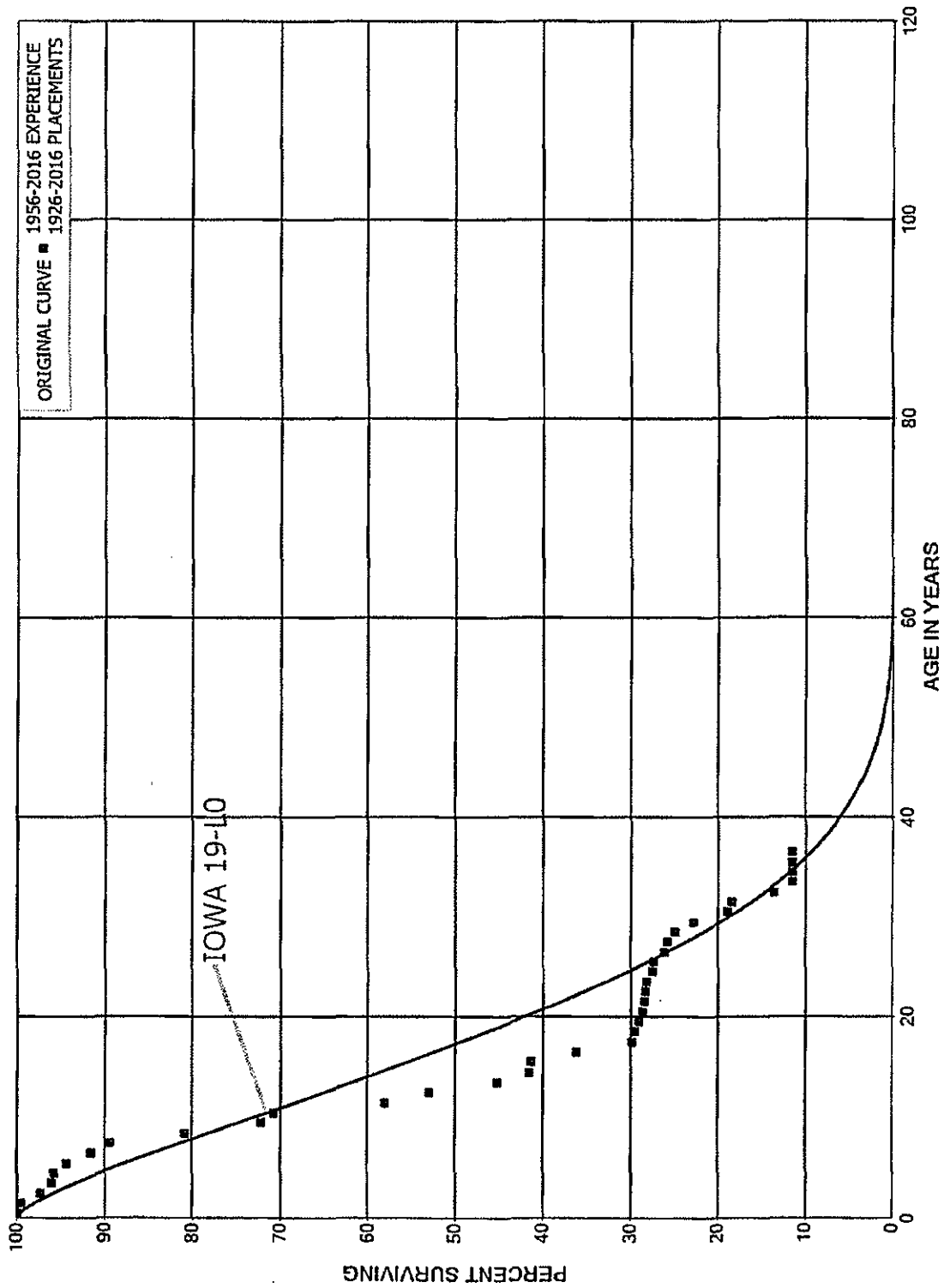
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1925-2016

EXPERIENCE BAND 1976-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	1,050,937	6,907	0.0066	0.9934	58.53
40.5	933,082	6,671	0.0071	0.9929	58.14
41.5	804,778	4,502	0.0056	0.9944	57.73
42.5	675,164	3,349	0.0050	0.9950	57.41
43.5	567,857	2,629	0.0046	0.9954	57.12
44.5	457,952	1,630	0.0036	0.9964	56.86
45.5	396,045	1,959	0.0049	0.9951	56.65
46.5	324,973	1,467	0.0045	0.9955	56.37
47.5	261,239	1,331	0.0051	0.9949	56.12
48.5	197,406	1,270	0.0064	0.9936	55.83
49.5	158,144	1,515	0.0096	0.9904	55.47
50.5	104,736	1,258	0.0120	0.9880	54.94
51.5	68,385	1,170	0.0171	0.9829	54.28
52.5	29,588	707	0.0239	0.9761	53.35
53.5	5,136	135	0.0264	0.9736	52.08
54.5	1,928	278	0.1443	0.8557	50.71
55.5	888		0.0000	1.0000	43.39
56.5	888		0.0000	1.0000	43.39
57.5	888		0.0000	1.0000	43.39
58.5	32		0.0000	1.0000	43.39
59.5	32		0.0000	1.0000	43.39
60.5	32		0.0000	1.0000	43.39
61.5	32		0.0000	1.0000	43.39
62.5	32		0.0000	1.0000	43.39
63.5					43.39

DUKE ENERGY OHIO
 ACCOUNT 3734 STREET LIGHT AND SIGNAL SYSTEMS - PUBLIC
 ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNT 3734 STREET LIGHT AND SIGNAL SYSTEMS - PUBLIC

ORIGINAL LIFE TABLE

PLACEMENT BAND 1926-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	10,074,595		0.0000	1.0000	100.00
0.5	9,644,326	42,626	0.0044	0.9956	100.00
1.5	5,931,314	138,351	0.0233	0.9767	99.56
2.5	5,607,612	66,046	0.0118	0.9882	97.24
3.5	5,427,391	20,540	0.0038	0.9962	96.09
4.5	5,404,363	80,997	0.0150	0.9850	95.73
5.5	5,253,112	152,414	0.0290	0.9710	94.29
6.5	5,099,050	121,136	0.0238	0.9762	91.56
7.5	1,070,375	102,727	0.0960	0.9040	89.38
8.5	875,646	93,830	0.1072	0.8928	80.80
9.5	655,653	12,917	0.0197	0.9803	72.14
10.5	540,358	96,689	0.1789	0.8211	70.72
11.5	411,661	36,051	0.0876	0.9124	58.07
12.5	209,722	31,115	0.1484	0.8516	52.98
13.5	138,108	10,929	0.0791	0.9209	45.12
14.5	78,973	514	0.0065	0.9935	41.55
15.5	69,440	8,639	0.1244	0.8756	41.28
16.5	53,898	9,380	0.1740	0.8260	36.15
17.5	39,447	469	0.0119	0.9881	29.86
18.5	34,432	516	0.0150	0.9850	29.50
19.5	33,917	514	0.0151	0.9849	29.06
20.5	33,403	198	0.0059	0.9941	28.62
21.5	33,633	165	0.0049	0.9951	28.45
22.5	33,468	138	0.0041	0.9959	28.31
23.5	33,330	781	0.0234	0.9766	28.19
24.5	32,549	233	0.0072	0.9928	27.53
25.5	32,642	1,509	0.0462	0.9538	27.34
26.5	35,012	475	0.0136	0.9864	26.07
27.5	37,413	1,209	0.0323	0.9677	25.72
28.5	148,046	12,874	0.0870	0.9130	24.89
29.5	135,195	23,364	0.1728	0.8272	22.72
30.5	111,831	2,192	0.0196	0.9804	18.80
31.5	109,639	28,939	0.2639	0.7361	18.43
32.5	80,700	12,233	0.1516	0.8484	13.56
33.5	68,468		0.0000	1.0000	11.51
34.5	68,468	87	0.0013	0.9987	11.51
35.5	68,380	225	0.0033	0.9967	11.49
36.5	68,155	72	0.0011	0.9989	11.45
37.5	68,083	839	0.0123	0.9877	11.44
38.5	67,244	14	0.0002	0.9998	11.30

DUKE ENERGY OHIO

ACCOUNT 3734 STREET LIGHT AND SIGNAL SYSTEMS - PUBLIC

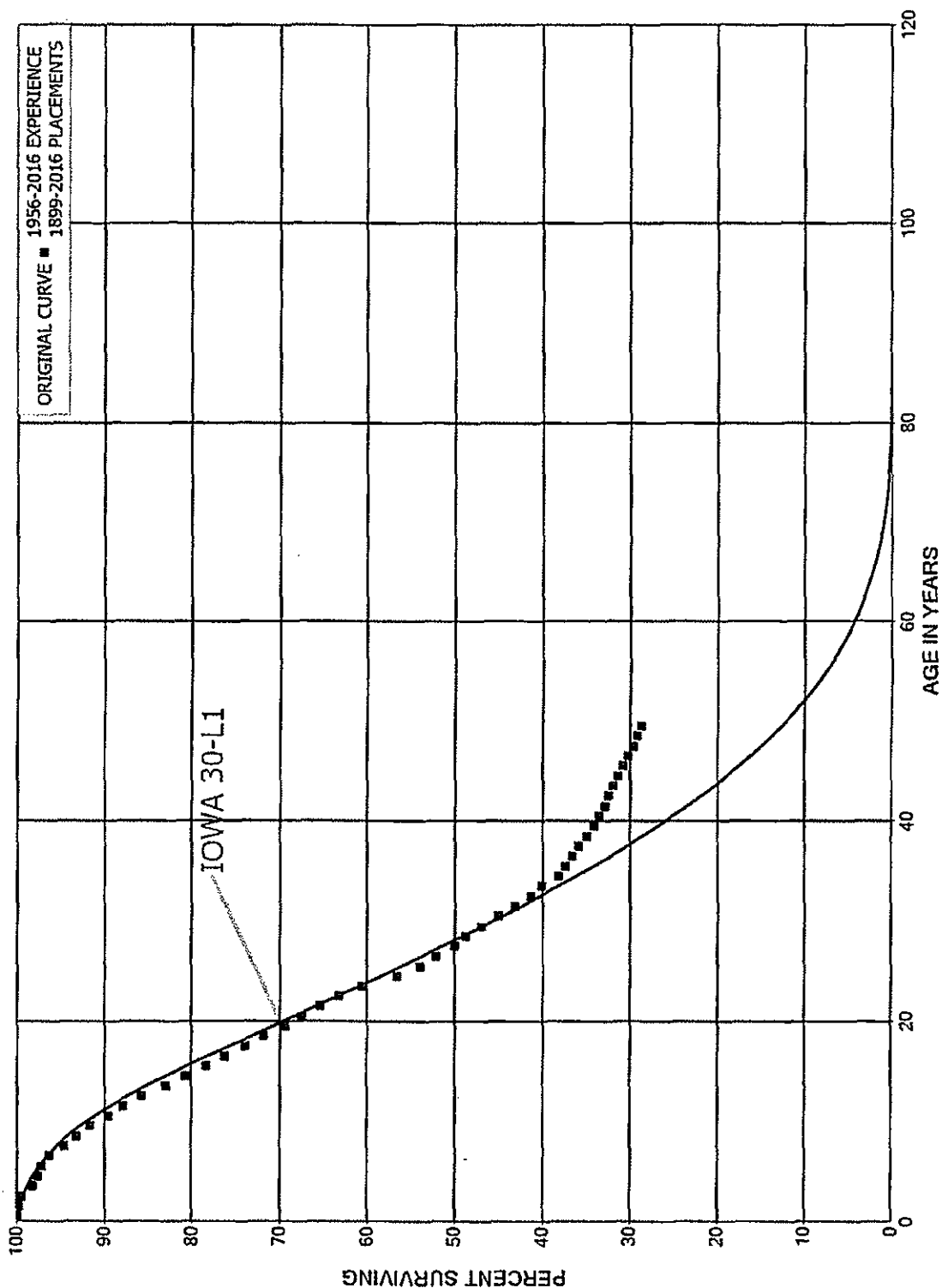
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1926-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	67,230	74	0.0011	0.9989	11.30
40.5	67,156	1,423	0.0212	0.9788	11.29
41.5	65,734	261	0.0040	0.9960	11.05
42.5	65,473	681	0.0104	0.9896	11.00
43.5	64,792	15	0.0002	0.9998	10.89
44.5	64,776		0.0000	1.0000	10.89
45.5	64,776	198	0.0031	0.9969	10.89
46.5	64,578	849	0.0131	0.9869	10.85
47.5	63,729	191	0.0030	0.9970	10.71
48.5	63,538		0.0000	1.0000	10.68
49.5	63,538	16	0.0003	0.9997	10.68
50.5	63,522	14	0.0002	0.9998	10.68
51.5	63,508		0.0000	1.0000	10.67
52.5	63,508	49	0.0008	0.9992	10.67
53.5	63,459		0.0000	1.0000	10.67
54.5	63,459	228	0.0036	0.9964	10.67
55.5	63,231		0.0000	1.0000	10.63
56.5	63,231		0.0000	1.0000	10.63
57.5	63,231		0.0000	1.0000	10.63
58.5	63,231	145	0.0023	0.9977	10.63
59.5	63,086	2,314	0.0367	0.9633	10.60
60.5	60,772	1,278	0.0210	0.9790	10.21
61.5	59,494	59,471	0.9996	0.0004	10.00
62.5	24	24	1.0000		0.00
63.5					

DUKE ENERGY OHIO
 ACCOUNTS 3730 AND 3731 STREET LIGHTING AND SIGNAL SYSTEMS
 ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNTS 3730 AND 3731 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1899-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	31,366,457	30,782	0.0010	0.9990	100.00
0.5	30,665,474	66,375	0.0022	0.9978	99.90
1.5	29,601,704	101,336	0.0034	0.9966	99.69
2.5	27,465,124	317,983	0.0116	0.9884	99.34
3.5	25,841,744	144,356	0.0056	0.9944	98.19
4.5	22,771,225	109,486	0.0048	0.9952	97.65
5.5	22,787,620	221,850	0.0097	0.9903	97.18
6.5	22,586,011	371,968	0.0165	0.9835	96.23
7.5	21,953,393	345,933	0.0158	0.9842	94.65
8.5	20,812,407	355,302	0.0171	0.9829	93.15
9.5	19,322,917	432,872	0.0224	0.9776	91.56
10.5	17,765,190	343,112	0.0193	0.9807	89.51
11.5	16,543,030	381,242	0.0230	0.9770	87.78
12.5	14,662,756	481,806	0.0329	0.9671	85.76
13.5	13,800,329	372,387	0.0270	0.9730	82.94
14.5	13,052,094	378,044	0.0290	0.9710	80.70
15.5	12,504,245	340,416	0.0272	0.9728	78.37
16.5	11,282,643	334,460	0.0296	0.9704	76.23
17.5	10,804,290	310,510	0.0287	0.9713	73.97
18.5	10,212,070	341,633	0.0335	0.9665	71.85
19.5	9,509,044	270,117	0.0284	0.9716	69.44
20.5	8,997,315	282,465	0.0314	0.9686	67.47
21.5	8,537,366	271,046	0.0317	0.9683	65.35
22.5	8,125,940	336,016	0.0414	0.9586	63.28
23.5	7,627,095	505,743	0.0663	0.9337	60.66
24.5	6,933,797	326,837	0.0471	0.9529	56.64
25.5	6,381,328	225,768	0.0354	0.9646	53.97
26.5	5,986,303	240,066	0.0401	0.9599	52.06
27.5	5,594,664	141,730	0.0253	0.9747	49.97
28.5	5,388,571	192,046	0.0356	0.9644	48.71
29.5	5,113,220	209,856	0.0410	0.9590	46.97
30.5	4,782,711	200,909	0.0420	0.9580	45.04
31.5	4,364,036	185,983	0.0426	0.9574	43.15
32.5	3,966,862	123,862	0.0312	0.9688	41.31
33.5	3,668,392	165,474	0.0451	0.9549	40.02
34.5	3,276,277	70,704	0.0216	0.9784	38.22
35.5	3,038,616	63,718	0.0210	0.9790	37.39
36.5	2,915,148	62,685	0.0215	0.9785	36.61
37.5	2,791,943	76,099	0.0273	0.9727	35.82
38.5	2,649,703	62,922	0.0237	0.9763	34.84

DUKE ENERGY OHIO

ACCOUNTS 3730 AND 3731 STREET LIGHTING AND SIGNAL SYSTEMS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1899-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	2,524,211	34,016	0.0135	0.9865	34.02
40.5	2,434,195	49,296	0.0203	0.9797	33.56
41.5	2,274,625	25,495	0.0112	0.9888	32.88
42.5	2,022,019	32,920	0.0163	0.9837	32.51
43.5	1,877,247	39,377	0.0210	0.9790	31.98
44.5	1,613,960	27,509	0.0170	0.9830	31.31
45.5	1,308,547	25,132	0.0192	0.9808	30.78
46.5	1,030,540	18,680	0.0181	0.9819	30.19
47.5	748,187	10,635	0.0142	0.9858	29.64
48.5	646,268	11,695	0.0181	0.9819	29.22
49.5	539,166	16,736	0.0310	0.9690	28.69
50.5	461,945	12,417	0.0269	0.9731	27.80
51.5	403,525	7,977	0.0198	0.9802	27.05
52.5	337,482	10,304	0.0305	0.9695	26.52
53.5	290,699	4,994	0.0172	0.9828	25.71
54.5	223,080	3,887	0.0174	0.9826	25.26
55.5	197,405	1,154	0.0058	0.9942	24.82
56.5	177,804	4,099	0.0231	0.9769	24.68
57.5	165,199	3,574	0.0216	0.9784	24.11
58.5	143,357	3,118	0.0218	0.9782	23.59
59.5	106,042	4,226	0.0399	0.9601	23.08
60.5	92,215	1,630	0.0177	0.9823	22.16
61.5	79,449	1,692	0.0213	0.9787	21.76
62.5	62,720	1,261	0.0201	0.9799	21.30
63.5	56,732	1,532	0.0270	0.9730	20.87
64.5	53,375	680	0.0127	0.9873	20.31
65.5	50,389	966	0.0192	0.9808	20.05
66.5	45,064	941	0.0209	0.9791	19.67
67.5	41,160	342	0.0083	0.9917	19.26
68.5	36,930	774	0.0210	0.9790	19.10
69.5	33,424	1,717	0.0514	0.9486	18.70
70.5	31,086		0.0000	1.0000	17.74
71.5	30,367	309	0.0102	0.9898	17.74
72.5	29,926	735	0.0246	0.9754	17.56
73.5	28,810	828	0.0287	0.9713	17.12
74.5	27,661	19	0.0007	0.9993	16.63
75.5	27,209	3,911	0.1437	0.8563	16.62
76.5	22,740	223	0.0098	0.9902	14.23
77.5	21,481		0.0000	1.0000	14.09
78.5	20,401	626	0.0307	0.9693	14.09

DUKE ENERGY OHIO

ACCOUNTS 3730 AND 3731 STREET LIGHTING AND SIGNAL SYSTEMS

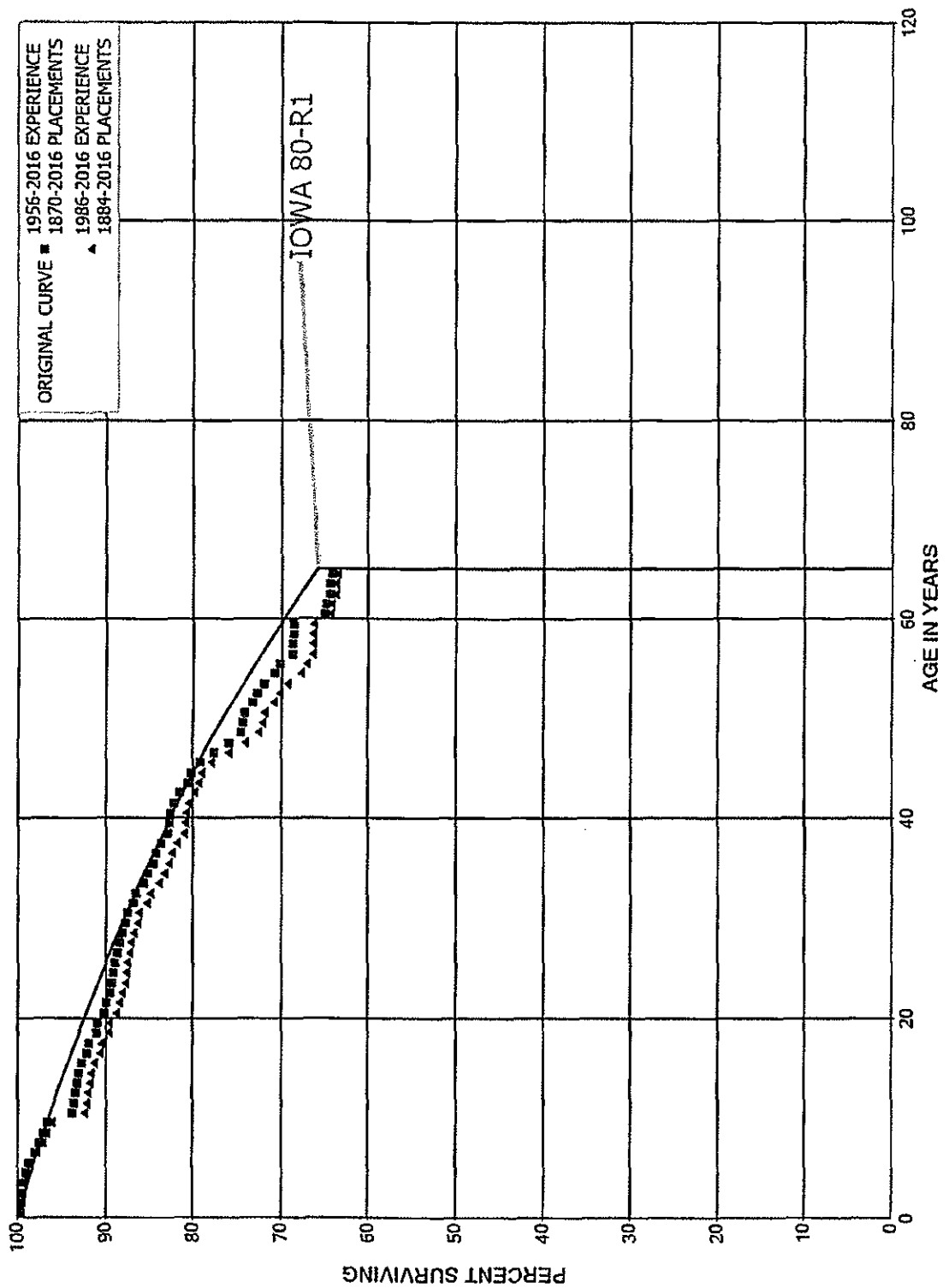
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1899-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	19,775	999	0.0505	0.9495	13.66
80.5	18,776		0.0000	1.0000	12.97
81.5	18,776	10	0.0006	0.9994	12.97
82.5	18,765	229	0.0122	0.9878	12.96
83.5	18,537	380	0.0205	0.9795	12.80
84.5	18,157		0.0000	1.0000	12.54
85.5	18,157	157	0.0086	0.9914	12.54
86.5	18,000		0.0000	1.0000	12.43
87.5	18,000		0.0000	1.0000	12.43
88.5	18,000	1,000	0.0555	0.9445	12.43
89.5	17,001	687	0.0404	0.9596	11.74
90.5	16,314	504	0.0309	0.9691	11.27
91.5	193		0.0000	1.0000	10.92
92.5	193		0.0000	1.0000	10.92
93.5	193		0.0000	1.0000	10.92
94.5	193		0.0000	1.0000	10.92
95.5	193		0.0000	1.0000	10.92
96.5	193		0.0000	1.0000	10.92
97.5	193		0.0000	1.0000	10.92
98.5	193		0.0000	1.0000	10.92
99.5					10.92

DUKE ENERGY OHIO
 ACCOUNTS 1900 AND 3900 STRUCTURES AND IMPROVEMENTS
 ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO
ACCOUNTS 1900 AND 3900 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1870-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	226,659,977	988,013	0.0044	0.9956	100.00
0.5	218,090,817	22,729	0.0001	0.9999	99.56
1.5	212,416,996	418,871	0.0020	0.9980	99.55
2.5	212,542,797	261,306	0.0012	0.9988	99.36
3.5	192,046,037	299,936	0.0016	0.9984	99.24
4.5	182,206,728	904,277	0.0050	0.9950	99.08
5.5	167,329,342	1,009,375	0.0060	0.9940	98.59
6.5	158,236,807	865,998	0.0055	0.9945	97.99
7.5	145,238,651	654,696	0.0045	0.9955	97.46
8.5	130,306,865	542,230	0.0042	0.9958	97.02
9.5	127,650,906	3,652,328	0.0286	0.9714	96.61
10.5	120,564,228	290,845	0.0024	0.9976	93.85
11.5	113,062,856	294,135	0.0026	0.9974	93.62
12.5	109,975,892	192,782	0.0018	0.9982	93.38
13.5	107,535,361	189,576	0.0018	0.9982	93.22
14.5	104,867,145	364,296	0.0035	0.9965	93.05
15.5	100,147,611	627,925	0.0063	0.9937	92.73
16.5	91,859,740	203,891	0.0022	0.9978	92.15
17.5	89,172,012	831,461	0.0093	0.9907	91.94
18.5	86,427,327	157,357	0.0018	0.9982	91.09
19.5	85,764,541	706,160	0.0082	0.9918	90.92
20.5	84,800,670	223,261	0.0026	0.9974	90.17
21.5	83,393,560	409,622	0.0049	0.9951	89.93
22.5	81,463,901	236,417	0.0029	0.9971	89.49
23.5	79,480,526	92,345	0.0012	0.9988	89.23
24.5	78,348,318	155,841	0.0020	0.9980	89.13
25.5	76,305,456	276,327	0.0036	0.9964	88.95
26.5	74,193,687	204,922	0.0028	0.9972	88.63
27.5	50,334,191	204,714	0.0041	0.9959	88.38
28.5	39,708,407	147,224	0.0037	0.9963	88.03
29.5	36,966,959	61,189	0.0017	0.9983	87.70
30.5	36,608,076	281,440	0.0077	0.9923	87.55
31.5	36,263,525	139,309	0.0038	0.9962	86.88
32.5	32,036,014	330,777	0.0103	0.9897	86.55
33.5	31,269,427	191,925	0.0061	0.9939	85.65
34.5	28,323,356	152,899	0.0054	0.9946	85.13
35.5	27,029,020	137,213	0.0051	0.9949	84.67
36.5	26,228,420	149,641	0.0057	0.9943	84.24
37.5	25,661,820	241,893	0.0094	0.9906	83.76
38.5	25,261,778	71,430	0.0028	0.9972	82.97

DUKE ENERGY OHIO

ACCOUNTS 1900 AND 3900 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1870-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	25,066,886	23,812	0.0009	0.9991	82.73
40.5	24,836,088	153,607	0.0062	0.9938	82.65
41.5	24,420,277	188,757	0.0077	0.9923	82.14
42.5	24,057,028	251,183	0.0104	0.9896	81.51
43.5	23,148,573	110,982	0.0048	0.9952	80.66
44.5	15,972,621	196,907	0.0123	0.9877	80.27
45.5	14,611,116	315,211	0.0216	0.9784	79.28
46.5	13,785,340	288,979	0.0210	0.9790	77.57
47.5	12,899,212	221,150	0.0171	0.9829	75.94
48.5	12,658,571	50,646	0.0040	0.9960	74.64
49.5	12,089,546	31,251	0.0026	0.9974	74.34
50.5	11,465,959	138,508	0.0121	0.9879	74.15
51.5	11,290,269	75,088	0.0067	0.9933	73.26
52.5	10,807,573	116,700	0.0108	0.9892	72.77
53.5	10,865,592	190,391	0.0175	0.9825	71.98
54.5	10,345,636	73,032	0.0071	0.9929	70.72
55.5	9,188,504	195,741	0.0213	0.9787	70.22
56.5	8,347,986	2,838	0.0003	0.9997	68.73
57.5	8,518,706	8,070	0.0009	0.9991	68.70
58.5	7,682,595	1,158	0.0002	0.9998	68.64
59.5	7,431,051	403,008	0.0542	0.9458	68.63
60.5	6,889,230	11,216	0.0016	0.9984	64.91
61.5	6,654,256	36,211	0.0054	0.9946	64.80
62.5	6,429,336	5,760	0.0009	0.9991	64.45
63.5	2,302,031	7,929	0.0034	0.9966	64.39
64.5	2,143,206	8,512	0.0040	0.9960	64.17
65.5	2,088,789	799	0.0004	0.9996	63.91
66.5	2,055,566		0.0000	1.0000	63.89
67.5	1,884,947	47,374	0.0251	0.9749	63.89
68.5	1,796,541		0.0000	1.0000	62.28
69.5	1,785,041	7,126	0.0040	0.9960	62.28
70.5	1,776,529		0.0000	1.0000	62.03
71.5	1,784,179	113,376	0.0635	0.9365	62.03
72.5	1,665,637	19,301	0.0116	0.9884	58.09
73.5	1,645,859	25,281	0.0154	0.9846	57.42
74.5	1,611,063	9,148	0.0057	0.9943	56.54
75.5	1,595,750	126	0.0001	0.9999	56.22
76.5	1,590,900		0.0000	1.0000	56.21
77.5	1,587,111		0.0000	1.0000	56.21
78.5	1,584,526		0.0000	1.0000	56.21

DUKE ENERGY OHIO

ACCOUNTS 1900 AND 3900 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1870-2016

EXPERIENCE BAND 1956-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	1,584,033		0.0000	1.0000	56.21
80.5	1,507,480	15,584	0.0103	0.9897	56.21
81.5	1,491,847		0.0000	1.0000	55.63
82.5	1,491,847	398,280	0.2670	0.7330	55.63
83.5	1,089,973	186,035	0.1707	0.8293	40.78
84.5	903,939	89,838	0.0994	0.9006	33.82
85.5	815,013	200,763	0.2463	0.7537	30.46
86.5	235,483		0.0000	1.0000	22.96
87.5	235,483		0.0000	1.0000	22.96
88.5	47,592		0.0000	1.0000	22.96
89.5	46,496		0.0000	1.0000	22.96
90.5	13,952		0.0000	1.0000	22.96
91.5	13,952		0.0000	1.0000	22.96
92.5	9,306		0.0000	1.0000	22.96
93.5	9,306		0.0000	1.0000	22.96
94.5	6,806		0.0000	1.0000	22.96
95.5	6,658		0.0000	1.0000	22.96
96.5	6,658		0.0000	1.0000	22.96
97.5	4,975		0.0000	1.0000	22.96
98.5	4,955		0.0000	1.0000	22.96
99.5	4,042		0.0000	1.0000	22.96
100.5	4,042		0.0000	1.0000	22.96
101.5	4,042		0.0000	1.0000	22.96
102.5	4,042		0.0000	1.0000	22.96
103.5	4,042		0.0000	1.0000	22.96
104.5	4,042	346	0.0856	0.9144	22.96
105.5	3,696		0.0000	1.0000	20.99
106.5	3,696		0.0000	1.0000	20.99
107.5	3,696		0.0000	1.0000	20.99
108.5	3,696		0.0000	1.0000	20.99
109.5	3,696		0.0000	1.0000	20.99
110.5	3,696		0.0000	1.0000	20.99
111.5					20.99

DUKE ENERGY OHIO

ACCOUNTS 1900 AND 3900 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1884-2016

EXPERIENCE BAND 1986-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	196,271,689	987,484	0.0050	0.9950	100.00
0.5	187,684,807	14,753	0.0001	0.9999	99.50
1.5	182,312,019	408,189	0.0022	0.9978	99.49
2.5	175,110,341	251,625	0.0014	0.9986	99.27
3.5	155,564,645	218,203	0.0014	0.9986	99.12
4.5	146,734,421	881,166	0.0060	0.9940	98.98
5.5	132,802,873	987,717	0.0074	0.9926	98.39
6.5	122,755,799	816,511	0.0067	0.9933	97.66
7.5	109,721,390	609,368	0.0056	0.9944	97.01
8.5	94,973,597	488,808	0.0051	0.9949	96.47
9.5	92,408,961	3,527,507	0.0382	0.9618	95.97
10.5	85,976,581	261,806	0.0030	0.9970	92.31
11.5	78,865,101	209,001	0.0027	0.9973	92.03
12.5	76,961,123	112,540	0.0015	0.9985	91.79
13.5	82,664,234	139,958	0.0017	0.9983	91.65
14.5	81,859,391	284,383	0.0035	0.9965	91.50
15.5	82,058,240	596,600	0.0073	0.9927	91.18
16.5	74,992,594	97,319	0.0013	0.9987	90.51
17.5	72,438,651	733,808	0.0101	0.9899	90.40
18.5	70,419,898	69,390	0.0010	0.9990	89.48
19.5	71,083,087	661,425	0.0093	0.9907	89.39
20.5	70,179,715	191,082	0.0027	0.9973	88.56
21.5	69,331,585	326,642	0.0047	0.9953	88.32
22.5	67,577,295	200,246	0.0030	0.9970	87.90
23.5	66,127,942	77,946	0.0012	0.9988	87.64
24.5	65,053,850	94,098	0.0014	0.9986	87.54
25.5	61,557,215	213,526	0.0035	0.9965	87.41
26.5	59,517,730	83,504	0.0014	0.9986	87.11
27.5	36,224,443	178,225	0.0049	0.9951	86.99
28.5	26,234,824	108,392	0.0041	0.9959	86.56
29.5	23,870,044	45,887	0.0019	0.9981	86.20
30.5	23,824,225	238,965	0.0100	0.9900	86.04
31.5	23,243,707	128,177	0.0055	0.9945	85.17
32.5	26,915,911	313,881	0.0117	0.9883	84.70
33.5	26,240,275	185,904	0.0071	0.9929	83.72
34.5	23,466,531	138,333	0.0059	0.9941	83.12
35.5	22,398,466	101,848	0.0045	0.9955	82.63
36.5	23,211,521	138,313	0.0060	0.9940	82.26
37.5	22,909,026	238,698	0.0104	0.9896	81.77
38.5	22,506,036	56,611	0.0025	0.9975	80.92

DUKE ENERGY OHIO

ACCOUNTS 1900 AND 3900 STRUCTURES AND IMPROVEMENTS

ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1884-2016

EXPERIENCE BAND 1986-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	22,331,029	21,637	0.0010	0.9990	80.71
40.5	22,106,019	53,052	0.0024	0.9976	80.63
41.5	21,804,435	184,698	0.0085	0.9915	80.44
42.5	21,446,938	132,625	0.0062	0.9938	79.76
43.5	20,665,242	77,367	0.0037	0.9963	79.27
44.5	13,471,098	184,743	0.0137	0.9863	78.97
45.5	12,134,705	314,221	0.0259	0.9741	77.89
46.5	11,315,009	288,979	0.0255	0.9745	75.87
47.5	10,433,496	220,874	0.0212	0.9788	73.93
48.5	10,196,343	50,646	0.0050	0.9950	72.37
49.5	9,805,981	31,251	0.0032	0.9968	72.01
50.5	9,161,784	138,508	0.0151	0.9849	71.78
51.5	8,985,529	74,384	0.0083	0.9917	70.69
52.5	8,503,537	116,665	0.0137	0.9863	70.11
53.5	8,345,667	186,326	0.0223	0.9777	69.15
54.5	7,825,222	73,032	0.0093	0.9907	67.60
55.5	8,427,132	84,751	0.0101	0.9899	66.97
56.5	7,703,487	81	0.0000	1.0000	66.30
57.5	7,913,079	7,931	0.0010	0.9990	66.30
58.5	7,262,650	1,158	0.0002	0.9998	66.23
59.5	7,044,310	221,572	0.0315	0.9685	66.22
60.5	6,682,034	11,216	0.0017	0.9983	64.14
61.5	6,452,161	36,211	0.0056	0.9944	64.03
62.5	6,227,241	1,207	0.0002	0.9998	63.67
63.5	1,996,335	6,526	0.0033	0.9967	63.66
64.5	1,904,870	3,342	0.0018	0.9982	63.45
65.5	1,852,903	799	0.0004	0.9996	63.34
66.5	1,821,362		0.0000	1.0000	63.31
67.5	1,650,763	21,750	0.0132	0.9868	63.31
68.5	1,587,981		0.0000	1.0000	62.48
69.5	1,576,762	7,126	0.0045	0.9955	62.48
70.5	1,568,250		0.0000	1.0000	62.19
71.5	1,566,280		0.0000	1.0000	62.19
72.5	1,561,114	19,301	0.0124	0.9876	62.19
73.5	1,541,336	25,281	0.0164	0.9836	61.43
74.5	1,508,431		0.0000	1.0000	60.42
75.5	1,502,265		0.0000	1.0000	60.42
76.5	1,497,542		0.0000	1.0000	60.42
77.5	1,493,752		0.0000	1.0000	60.42
78.5	1,491,168		0.0000	1.0000	60.42

DUKE ENERGY OHIO

ACCOUNTS 1900 AND 3900 STRUCTURES AND IMPROVEMENTS

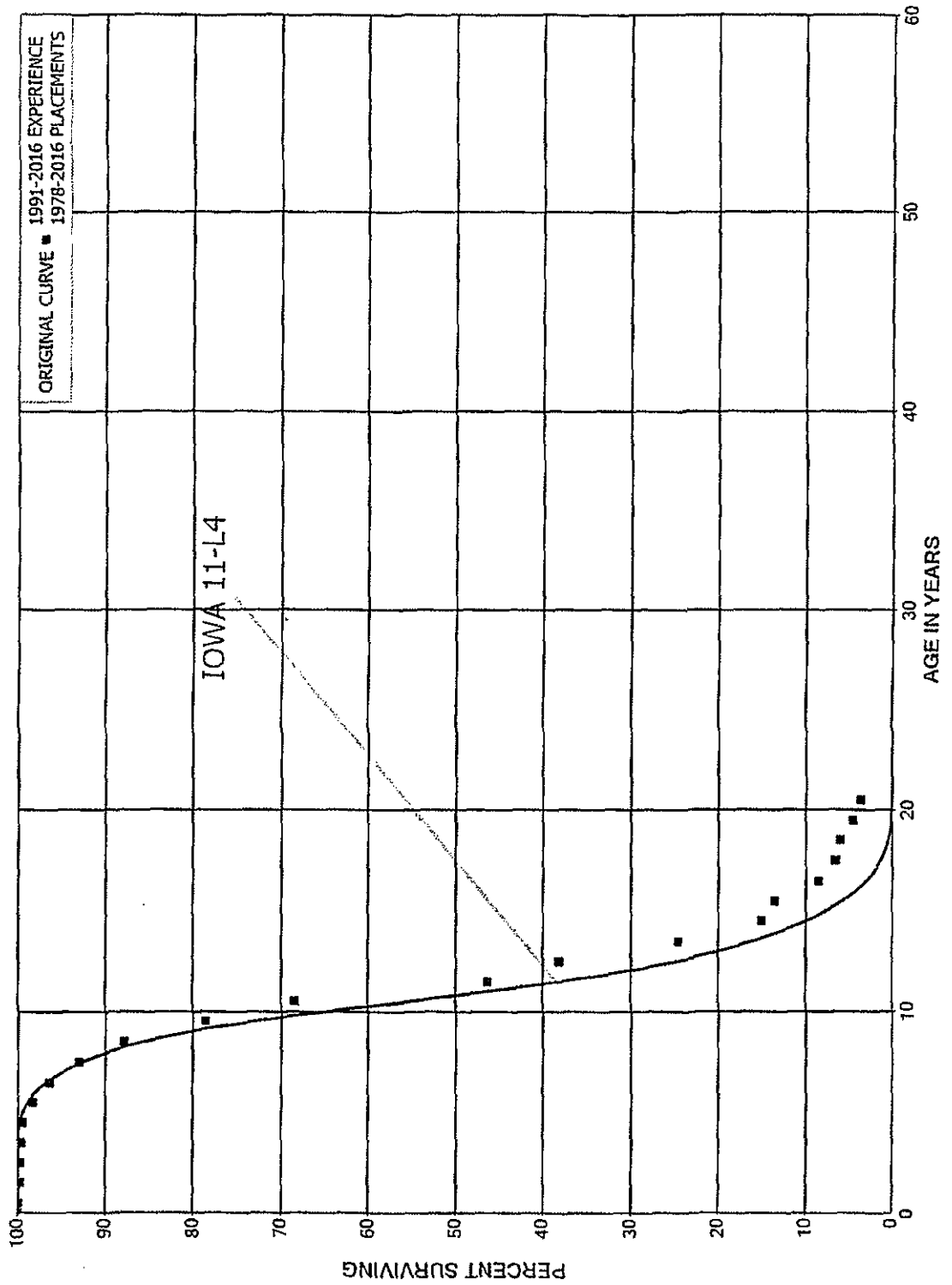
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1884-2016

EXPERIENCE BAND 1986-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
79.5	1,490,675		0.0000	1.0000	60.42
80.5	1,507,134	15,584	0.0103	0.9897	60.42
81.5	1,491,501		0.0000	1.0000	59.79
82.5	1,491,501	398,280	0.2670	0.7330	59.79
83.5	1,089,627	186,035	0.1707	0.8293	43.83
84.5	903,592	89,838	0.0994	0.9006	36.34
85.5	813,754	200,763	0.2467	0.7533	32.73
86.5	234,224		0.0000	1.0000	24.66
87.5	234,224		0.0000	1.0000	24.66
88.5	46,334		0.0000	1.0000	24.66
89.5	45,237		0.0000	1.0000	24.66
90.5	12,693		0.0000	1.0000	24.66
91.5	12,693		0.0000	1.0000	24.66
92.5	8,047		0.0000	1.0000	24.66
93.5	8,047		0.0000	1.0000	24.66
94.5	5,547		0.0000	1.0000	24.66
95.5	5,399		0.0000	1.0000	24.66
96.5	5,399		0.0000	1.0000	24.66
97.5	3,717		0.0000	1.0000	24.66
98.5	3,696		0.0000	1.0000	24.66
99.5	3,696		0.0000	1.0000	24.66
100.5	3,696		0.0000	1.0000	24.66
101.5	4,042		0.0000	1.0000	24.66
102.5	4,042		0.0000	1.0000	24.66
103.5	4,042		0.0000	1.0000	24.66
104.5	4,042	346	0.0856	0.9144	24.66
105.5	3,696		0.0000	1.0000	22.54
106.5	3,696		0.0000	1.0000	22.54
107.5	3,696		0.0000	1.0000	22.54
108.5	3,696		0.0000	1.0000	22.54
109.5	3,696		0.0000	1.0000	22.54
110.5	3,696		0.0000	1.0000	22.54
111.5					22.54

DUKE ENERGY OHIO
 ACCOUNTS 1920 AND 3920 TRANSPORTATION EQUIPMENT
 ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNTS 1920 AND 3920 TRANSPORTATION EQUIPMENT

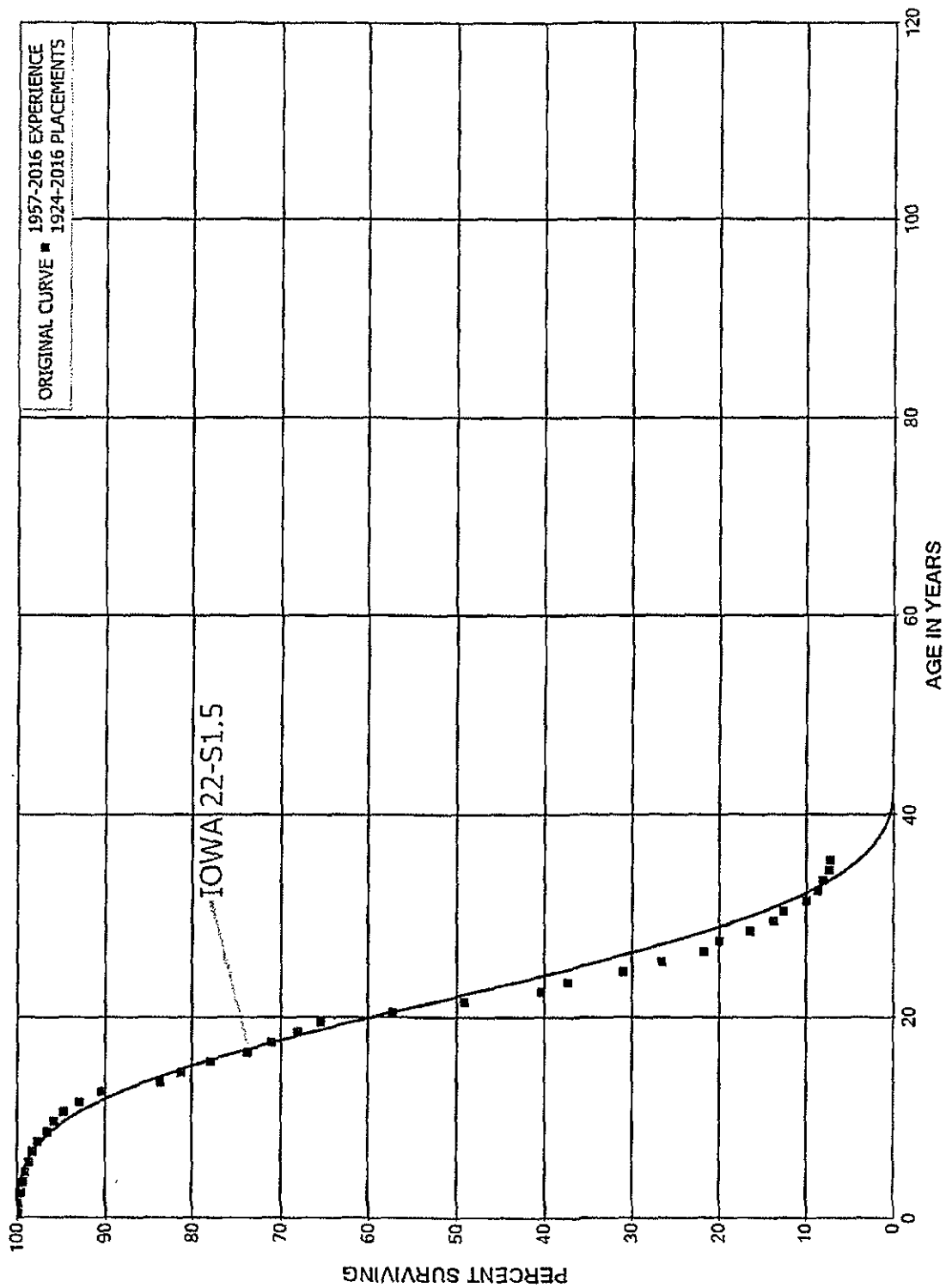
ORIGINAL LIFE TABLE

PLACEMENT BAND 1978-2016

EXPERIENCE BAND 1991-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	8,465,755		0.0000	1.0000	100.00
0.5	14,530,215	44,609	0.0031	0.9969	100.00
1.5	16,585,661		0.0000	1.0000	99.69
2.5	20,331,839	12,747	0.0006	0.9994	99.69
3.5	23,580,669	52,219	0.0022	0.9978	99.63
4.5	23,998,509	280,097	0.0117	0.9883	99.41
5.5	25,262,266	514,238	0.0204	0.9796	98.25
6.5	24,994,354	869,031	0.0348	0.9652	96.25
7.5	24,926,876	1,352,656	0.0543	0.9457	92.90
8.5	24,080,968	2,525,317	0.1049	0.8951	87.86
9.5	21,676,505	2,817,515	0.1300	0.8700	78.65
10.5	18,858,990	6,092,872	0.3231	0.6769	68.43
11.5	12,766,118	2,230,559	0.1747	0.8253	46.32
12.5	10,549,712	3,785,602	0.3588	0.6412	38.23
13.5	6,764,109	2,597,399	0.3840	0.6160	24.51
14.5	4,166,711	454,076	0.1090	0.8910	15.10
15.5	3,712,635	1,356,810	0.3655	0.6345	13.45
16.5	2,355,825	562,851	0.2389	0.7611	8.54
17.5	1,684,860	143,745	0.0853	0.9147	6.50
18.5	1,541,115	366,754	0.2380	0.7620	5.94
19.5	1,174,361	226,281	0.1927	0.8073	4.53
20.5	948,080	88,692	0.0935	0.9065	3.66
21.5	859,388	289,623	0.3370	0.6630	3.31
22.5	569,765	276,788	0.4858	0.5142	2.20
23.5	292,977	129,313	0.4414	0.5586	1.13
24.5	127,810		0.0000	1.0000	0.63
25.5	84,456		0.0000	1.0000	0.63
26.5	38,302		0.0000	1.0000	0.63
27.5	38,302		0.0000	1.0000	0.63
28.5					0.63

DUKE ENERGY OHIO
 ACCOUNTS 1921 AND 3921 TRANSPORTATION EQUIPMENT - TRAILERS
 ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO

ACCOUNTS 1921 AND 3921 TRANSPORTATION EQUIPMENT - TRAILERS

ORIGINAL LIFE TABLE

PLACEMENT BAND 1924-2016

EXPERIENCE BAND 1957-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	5,109,801	1,944	0.0004	0.9996	100.00
0.5	5,106,948	6,806	0.0013	0.9987	99.96
1.5	5,101,916	14,436	0.0028	0.9972	99.83
2.5	5,081,418	11,299	0.0022	0.9978	99.55
3.5	5,077,509	14,691	0.0029	0.9971	99.32
4.5	5,054,927	21,925	0.0043	0.9957	99.04
5.5	5,060,776	21,861	0.0043	0.9957	98.61
6.5	5,048,907	29,148	0.0058	0.9942	98.18
7.5	5,022,176	56,394	0.0112	0.9888	97.62
8.5	4,959,289	40,275	0.0081	0.9919	96.52
9.5	4,925,873	58,179	0.0118	0.9882	95.74
10.5	4,729,262	86,444	0.0183	0.9817	94.60
11.5	4,388,155	114,753	0.0262	0.9738	92.88
12.5	4,273,402	318,064	0.0744	0.9256	90.45
13.5	3,750,119	110,514	0.0295	0.9705	83.71
14.5	3,070,307	122,559	0.0399	0.9601	81.25
15.5	2,246,791	120,045	0.0534	0.9466	78.00
16.5	1,718,536	63,532	0.0370	0.9630	73.84
17.5	1,548,754	65,494	0.0423	0.9577	71.11
18.5	1,345,935	53,307	0.0396	0.9604	68.10
19.5	1,250,361	154,512	0.1236	0.8764	65.40
20.5	1,099,556	157,442	0.1432	0.8568	57.32
21.5	942,114	169,138	0.1795	0.8205	49.11
22.5	761,626	57,547	0.0756	0.9244	40.30
23.5	686,255	114,478	0.1668	0.8332	37.25
24.5	537,733	79,207	0.1473	0.8527	31.04
25.5	348,491	62,652	0.1798	0.8202	26.47
26.5	285,839	22,653	0.0793	0.9207	21.71
27.5	236,376	41,104	0.1739	0.8261	19.99
28.5	186,155	31,672	0.1701	0.8299	16.51
29.5	154,483	12,525	0.0811	0.9189	13.70
30.5	131,691	27,871	0.2116	0.7884	12.59
31.5	103,820	14,051	0.1353	0.8647	9.93
32.5	89,819	6,780	0.0755	0.9245	8.58
33.5	73,955	6,323	0.0855	0.9145	7.94
34.5	67,631	653	0.0097	0.9903	7.26
35.5	66,979	962	0.0144	0.9856	7.19
36.5	66,017	14,591	0.2210	0.7790	7.08
37.5	51,426	15,091	0.2935	0.7065	5.52
38.5	35,018	5,772	0.1648	0.8352	3.90

DUKE ENERGY OHIO

ACCOUNTS 1921 AND 3921 TRANSPORTATION EQUIPMENT - TRAILERS

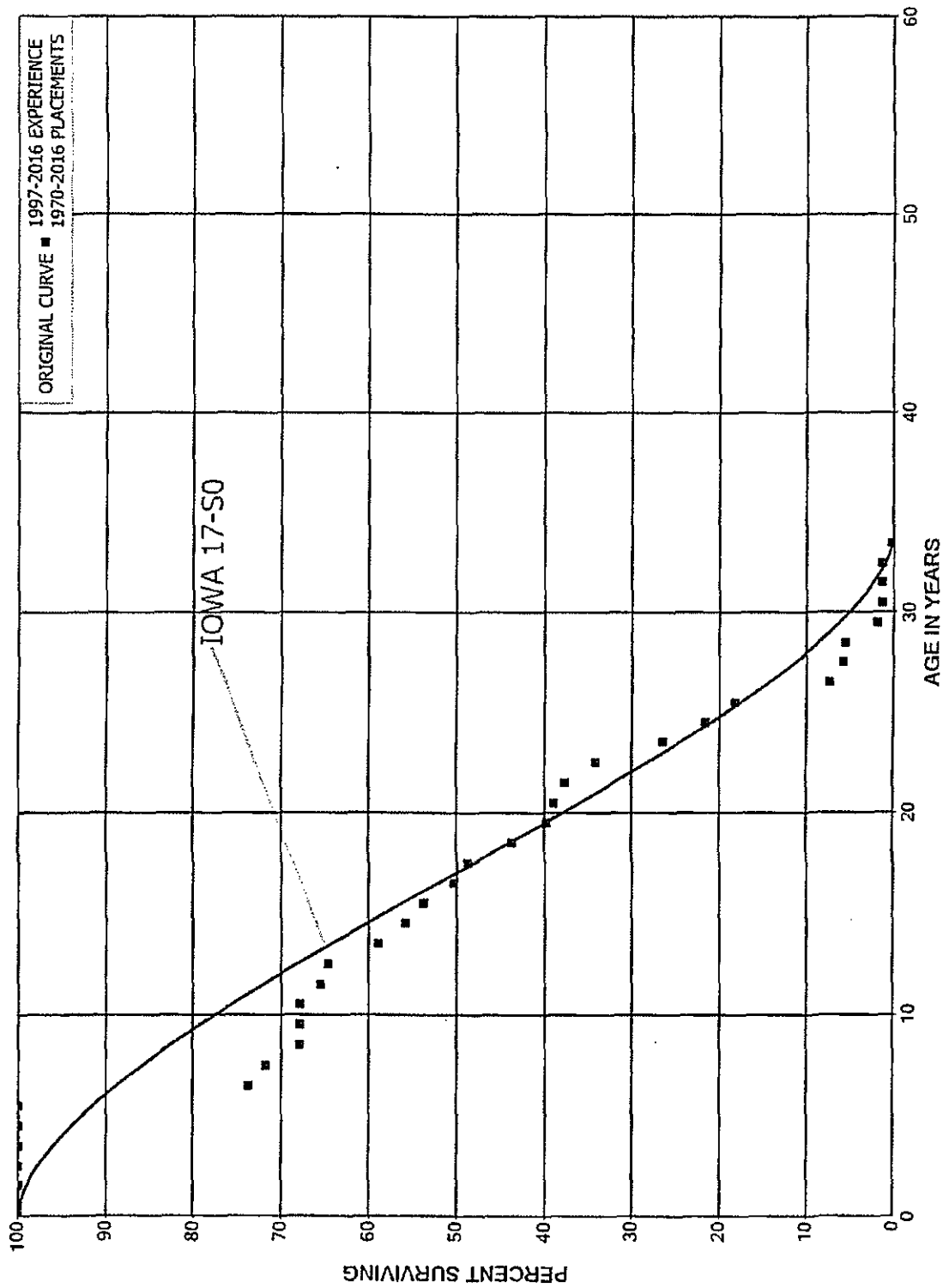
ORIGINAL LIFE TABLE, CONT.

PLACEMENT BAND 1924-2016

EXPERIENCE BAND 1957-2016

AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
39.5	29,246	654	0.0224	0.9776	3.26
40.5	28,592	5,760	0.2015	0.7985	3.18
41.5	22,832	7,269	0.3184	0.6816	2.54
42.5	15,563	377	0.0242	0.9758	1.73
43.5	15,186		0.0000	1.0000	1.69
44.5	15,186	473	0.0312	0.9688	1.69
45.5	14,713		0.0000	1.0000	1.64
46.5	14,713	219	0.0149	0.9851	1.64
47.5	14,494	13,909	0.9596	0.0404	1.61
48.5	585		0.0000	1.0000	0.07
49.5	585		0.0000	1.0000	0.07
50.5	585		0.0000	1.0000	0.07
51.5	585		0.0000	1.0000	0.07
52.5	585		0.0000	1.0000	0.07
53.5	585		0.0000	1.0000	0.07
54.5	585	585	1.0000		0.07
55.5					

DUKE ENERGY OHIO
 ACCOUNTS 1960 AND 3960 POWER OPERATED EQUIPMENT
 ORIGINAL AND SMOOTH SURVIVOR CURVES



DUKE ENERGY OHIO
ACCOUNTS 1960 AND 3960 POWER OPERATED EQUIPMENT

ORIGINAL LIFE TABLE

PLACEMENT BAND 1970-2016			EXPERIENCE BAND 1997-2016		
AGE AT BEGIN OF INTERVAL	EXPOSURES AT BEGINNING OF AGE INTERVAL	RETIREMENTS DURING AGE INTERVAL	RETMT RATIO	SURV RATIO	PCT SURV BEGIN OF INTERVAL
0.0	959,981		0.0000	1.0000	100.00
0.5	938,560		0.0000	1.0000	100.00
1.5	805,369		0.0000	1.0000	100.00
2.5	728,972		0.0000	1.0000	100.00
3.5	863,256		0.0000	1.0000	100.00
4.5	602,948		0.0000	1.0000	100.00
5.5	746,690	195,967	0.2624	0.7376	100.00
6.5	1,292,126	36,075	0.0279	0.9721	73.76
7.5	1,437,219	78,017	0.0543	0.9457	71.70
8.5	1,247,350		0.0000	1.0000	67.80
9.5	1,530,137		0.0000	1.0000	67.80
10.5	1,686,622	57,838	0.0343	0.9657	67.80
11.5	1,876,948	23,437	0.0125	0.9875	65.48
12.5	1,866,398	165,693	0.0888	0.9112	64.66
13.5	1,710,419	90,259	0.0528	0.9472	58.92
14.5	1,807,962	68,534	0.0379	0.9621	55.81
15.5	1,897,459	118,838	0.0626	0.9374	53.70
16.5	2,059,099	63,573	0.0309	0.9691	50.33
17.5	1,995,527	210,246	0.1054	0.8946	48.78
18.5	1,859,476	164,970	0.0887	0.9113	43.64
19.5	1,694,506	36,406	0.0215	0.9785	39.77
20.5	1,699,911	57,511	0.0338	0.9662	38.91
21.5	1,642,400	154,980	0.0944	0.9056	37.60
22.5	1,487,421	333,139	0.2240	0.7760	34.05
23.5	1,221,723	222,699	0.1823	0.8177	26.42
24.5	1,009,591	158,690	0.1572	0.8428	21.61
25.5	850,900	508,057	0.5971	0.4029	18.21
26.5	393,162	84,959	0.2161	0.7839	7.34
27.5	308,202	18,884	0.0613	0.9387	5.75
28.5	289,318	191,672	0.6625	0.3375	5.40
29.5	97,646	31,201	0.3195	0.6805	1.82
30.5	66,444		0.0000	1.0000	1.24
31.5	66,444		0.0000	1.0000	1.24
32.5	66,444	50,319	0.7573	0.2427	1.24
33.5	16,126	16,126	1.0000		0.30
34.5					

PART VIII. NET SALVAGE STATISTICS

DUKE ENERGY OHIO
ACCOUNT 1900 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1978	35,360	9,204	26		0	9,204-	26-
1979	34,262	2,017	6		0	2,017-	6-
1980	29,691	5,777	19		0	5,777-	19-
1981	25,385	8,860	35	144-	1-	9,003-	35-
1982	59,964	2,309	4	10,084	17	7,774	13
1983	14,119	8,275	59		0	8,275-	59-
1984	62,801	47,863	76		0	47,863-	76-
1985	57,523	7,969	14	44,707	78	36,737	64
1986	102,660	14,381	14	38-	0	14,419-	14-
1987	3,320,524	1,291,034	39	629	0	1,290,404-	39-
1988	3,611,100	3,366,635	93		0	3,366,635-	93-
1989	86,590	1,129,334			0	1,129,334-	
1990	254,107	456,018	179		0	456,018-	179-
1991	481,257	629,762	131	90	0	629,672-	131-
1992	239,484	213,155	89		0	213,155-	89-
1993	326,127	252,127	77	3,289-	1-	255,416-	78-
1994	111,531	34,873	31	3,999-	4-	38,873-	35-
1995	30,715	59,162	193		0	59,162-	193-
1996	402,588	195,057	48	1,274-	0	196,331-	49-
1997	84,525	21,300	25		0	21,300-	25-
1998	300,568	40,430	13		0	40,430-	13-
1999	63,145	53,959	85		0	53,959-	85-
2000							
2001		16,186				16,186-	
2002	106,402	26,991	25		0	26,991-	25-
2003	1,311,022	263,102	20		0	263,102-	20-
2004	5,632,589	206,644	4	2,459,238	44	2,252,594	40
2005	1,825,137	675,458	37	100,000	5	575,458-	32-
2006	143,885	20,271	14		0	20,271-	14-
2007	85,984	10,071	12		0	10,071-	12-
2008	225,381	26,679	12		0	26,679-	12-
2009	1,015,723	46,640	5		0	46,640-	5-
2010	72,932	20,640	28		0	20,640-	28-
2011	3,633,884	106,810	3		0	106,810-	3-
2012	1,011,197	13,604	1		0	13,604-	1-
2013	1,270,498	1,266,876	100		0	1,266,876-	100-
2014	1,534,881	444,210	29		0	444,210-	29-
2015	1,091,386	510,624	47		0	510,624-	47-
2016	744,986	314,080	42		0	314,080-	42-
TOTAL	29,439,915	11,818,389	40	2,606,004	9	9,212,385-	31-

DUKE ENERGY OHIO
ACCOUNT 1900 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
78-80	33,104	5,666	17		0	5,666-	17-
79-81	29,779	5,551	19	48-	0	5,599-	19-
80-82	38,347	5,649	15	3,313	9	2,335-	6-
81-83	33,156	6,481	20	3,313	10	3,168-	10-
82-84	45,628	19,483	43	3,361	7	16,121-	35-
83-85	44,815	21,369	48	14,902	33	6,467-	14-
84-86	74,328	23,404	31	14,889	20	8,515-	11-
85-87	1,160,236	437,795	38	15,099	1	422,695-	36-
86-88	2,344,761	1,557,350	66	197	0	1,557,153-	66-
87-89	2,339,405	1,929,001	82	210	0	1,928,791-	82-
88-90	1,317,266	1,650,662	125		0	1,650,662-	125-
89-91	273,985	738,372	269	30	0	738,341-	269-
90-92	324,949	432,978	133	30	0	432,948-	133-
91-93	348,956	365,015	105	1,066-	0	366,081-	105-
92-94	225,714	166,718	74	2,430-	1-	169,148-	75-
93-95	156,124	115,388	74	2,430-	2-	117,817-	75-
94-96	181,611	96,364	53	1,758-	1-	98,122-	54-
95-97	172,609	91,840	53	425-	0	92,264-	53-
96-98	262,560	85,596	33	425-	0	86,020-	33-
97-99	149,413	38,563	26		0	38,563-	26-
98-00	121,238	31,463	26		0	31,463-	26-
99-01	21,048	23,382	111		0	23,382-	111-
00-02	35,467	14,392	41		0	14,392-	41-
01-03	472,475	102,093	22		0	102,093-	22-
02-04	2,350,004	165,579	7	819,746	35	654,167	28
03-05	2,922,916	381,735	13	853,079	29	471,345	16
04-06	2,533,871	300,791	12	853,079	34	552,289	22
05-07	685,002	235,267	34	33,333	5	201,933-	29-
06-08	151,750	19,007	13		0	19,007-	13-
07-09	442,363	27,797	6		0	27,797-	6-
08-10	438,012	31,320	7		0	31,320-	7-
09-11	1,574,180	58,030	4		0	58,030-	4-
10-12	1,572,671	47,018	3		0	47,018-	3-
11-13	1,971,860	462,430	23		0	462,430-	23-
12-14	1,272,192	574,897	45		0	574,897-	45-
13-15	1,298,922	740,570	57		0	740,570-	57-
14-16	1,123,751	422,971	38		0	422,971-	38-

FIVE-YEAR AVERAGE

12-16	1,130,590	509,879	45		0	509,879-	45-
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DUKE ENERGY OHIO

ACCOUNT 3610 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1980	220	2	1	0		2-	1-
1981	15,138		0	0			0
1982	112		0	0			0
1983							
1984	1,569	1,327	85	0		1,327-	85-
1985	4,948	235	5	0		235-	5-
1986		16,310				16,310-	
1987	842	514	61	0		514-	61-
1988	3,579	4,406	123	0		4,406-	123-
1989		237				237-	
1990							
1991	578	500	87	0		500-	87-
1992							
1993							
1994							
1995							
1996							
1997							
1998	124,247		0	0			0
1999	16,905	1,562	9	0		1,562-	9-
2000							
2001							
2002							
2003							
2004	49,067	37,093	76	0		37,093-	76-
2005	21,406	17,463	82	0		17,463-	82-
2006	42,704	44,082	103	0		44,082-	103-
2007	6,773	37,860	559	0		37,860-	559-
2008							
2009							
2010	38,780	80,242	207	0		80,242-	207-
2011							
2012							
2013	65,270	20,974	32	0		20,974-	32-
2014	43,922	49,189	112	83-	0	49,272-	112-
2015	180,760	195,336	108	8,054	4	187,282-	104-
2016	93,125	65,178	70		0	65,178-	70-
TOTAL	709,944	572,510	81	7,971	1	564,539-	80-

THREE-YEAR MOVING AVERAGES

80-82	5,157	1	0	0		1-	0
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DUKE ENERGY OHIO
ACCOUNT 3610 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
81-83	5,083		0		0		0
82-84	560	442	79		0	442-	79-
83-85	2,172	521	24		0	521-	24-
84-86	2,172	5,957	274		0	5,957-	274-
85-87	1,930	5,686	295		0	5,686-	295-
86-88	1,474	7,077	480		0	7,077-	480-
87-89	1,474	1,719	117		0	1,719-	117-
88-90	1,193	1,548	130		0	1,548-	130-
89-91	193	246	128		0	246-	128-
90-92	193	167	87		0	167-	87-
91-93	193	167	87		0	167-	87-
92-94							
93-95							
94-96							
95-97							
96-98	41,416		0		0		0
97-99	47,050	521	1		0	521-	1-
98-00	47,050	521	1		0	521-	1-
99-01	5,635	521	9		0	521-	9-
00-02							
01-03							
02-04	16,356	12,364	76		0	12,364-	76-
03-05	23,491	18,185	77		0	18,185-	77-
04-06	37,726	32,879	87		0	32,879-	87-
05-07	23,628	33,135	140		0	33,135-	140-
06-08	16,492	27,314	166		0	27,314-	166-
07-09	2,258	12,620	559		0	12,620-	559-
08-10	12,927	26,747	207		0	26,747-	207-
09-11	12,927	26,747	207		0	26,747-	207-
10-12	12,927	26,747	207		0	26,747-	207-
11-13	21,757	6,991	32		0	6,991-	32-
12-14	36,398	23,388	64	28-	0	23,415-	64-
13-15	96,651	88,499	92	2,657	3	85,843-	89-
14-16	105,936	103,234	97	2,657	3	100,577-	95-
FIVE-YEAR AVERAGE							
12-16	76,616	66,135	86	1,594	2	64,541-	84-

DUKE ENERGY OHIO
ACCOUNT 3620 STATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1978	203,212	57,240	28	43,177	21	14,063-	7-
1979	248,968	8,518	3	6,788	3	1,730-	1-
1980	148,422	4,594	3	3,625	2	969-	1-
1981	452,820	45,266	10	81,066	18	35,800	8
1982	428,464	15,504	4	2,536	1	12,968-	3-
1983	738,925	56,702	8	426	0	56,277-	8-
1984	1,062,768	158,733	15	1,057	0	157,676-	15-
1985	358,694	157,949	44	14,299	4	143,650-	40-
1986	284,635	23,707	8		0	23,707-	8-
1987	200,063	41,895	21		0	41,895-	21-
1988	120,271	15,782	13	18,050	15	2,268	2
1989	36,561	1,880	5		0	1,880-	5-
1990	3,315,026	505,713	15	1,112,672	34	606,960	18
1991	264,770	317,349	120	1,212-	0	318,560-	120-
1992	274,313	33,383	12	17,793	6	15,590-	6-
1993	2,674,843	42,104	2	144,011	5	101,908	4
1994	586,575	73,660	13	84,329	14	10,669	2
1995	1,041,039	54,917	5	451,930-	43-	506,847-	49-
1996	284,377	199,925	70	79,631	28	120,294-	42-
1997	443,788	24,297	5	5,058	1	19,239-	4-
1998	1,460,145	81,529	6	16,573	1	64,956-	4-
1999	107,194-	2,763	3-		0	2,763-	3
2000	43,261		0		0		0
2001	21,093	2,957	14		0	2,957-	14-
2002	19,000	1,595	8		0	1,595-	8-
2003	150,034	135,258	90	82,232	55	53,025-	35-
2004	469,708	215,319	46		0	215,319-	46-
2005	1,281,818	217,266	17		0	217,266-	17-
2006	220,044	76,350	35		0	76,350-	35-
2007	517,604	71,234	14		0	71,234-	14-
2008	31,523	7,889	25		0	7,889-	25-
2009	74,566	26,576	36		0	26,576-	36-
2010	602,402	123,967	21	23,247	4	100,720-	17-
2011	214,518	164,242	77	20,847	10	143,395-	67-
2012	2,938	1,291	44		0	1,291-	44-
2013	359,578	372,902	104	52,151	15	320,750-	89-
2014	1,292,419	831,240	64	694-	0	831,934-	64-
2015	6,459,940	832,296	13	190,043	3	642,254-	10-
2016	471,255	230,651	49	34,992	7	195,659-	42-
TOTAL	26,753,189	5,234,443	20	1,580,767	6	3,653,676-	14-

DUKE ENERGY OHIO

ACCOUNT 3620 STATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
78-80	200,201	23,451	12	17,863	9	5,587-	3-
79-81	283,403	19,459	7	30,493	11	11,034	4
80-82	343,235	21,788	6	29,076	8	7,288	2
81-83	540,070	39,157	7	28,009	5	11,148-	2-
82-84	743,386	76,980	10	1,340	0	75,640-	10-
83-85	720,129	124,462	17	5,261	1	119,201-	17-
84-86	568,699	113,463	20	5,119	1	108,344-	19-
85-87	281,131	74,517	27	4,766	2	69,751-	25-
86-88	201,656	27,128	13	6,017	3	21,111-	10-
87-89	118,965	19,852	17	6,017	5	13,836-	12-
88-90	1,157,286	174,458	15	376,907	33	202,449	17
89-91	1,205,452	274,980	23	370,487	31	95,506	8
90-92	1,284,703	285,482	22	376,418	29	90,936	7
91-93	1,071,309	130,945	12	53,531	5	77,414-	7-
92-94	1,178,577	49,716	4	82,044	7	32,329	3
93-95	1,434,152	56,894	4	74,530-	5-	131,424-	9-
94-96	637,330	109,501	17	95,990-	15-	205,491-	32-
95-97	589,735	93,046	16	122,414-	21-	215,460-	37-
96-98	729,437	101,917	14	33,754	5	68,163-	9-
97-99	598,913	36,196	6	7,210	1	28,986-	5-
98-00	465,404	28,098	6	5,524	1	22,573-	5-
99-01	14,280-	1,907	13-		0	1,907-	13
00-02	27,785	1,517	5		0	1,517-	5-
01-03	63,376	46,603	74	27,411	43	19,192-	30-
02-04	212,914	117,391	55	27,411	13	89,980-	42-
03-05	633,854	189,281	30	27,411	4	161,870-	26-
04-06	657,190	169,645	26		0	169,645-	26-
05-07	673,156	121,617	18		0	121,617-	18-
06-08	256,391	51,824	20		0	51,824-	20-
07-09	207,898	35,233	17		0	35,233-	17-
08-10	236,164	52,811	22	7,749	3	45,062-	19-
09-11	297,162	104,928	35	14,698	5	90,230-	30-
10-12	273,286	96,500	35	14,698	5	81,802-	30-
11-13	192,345	179,478	93	24,333	13	155,145-	81-
12-14	551,645	401,811	73	17,152	3	384,659-	70-
13-15	2,703,979	678,813	25	80,500	3	598,313-	22-
14-16	2,741,205	631,396	23	74,780	3	556,615-	20-

FIVE-YEAR AVERAGE

12-16	1,717,226	453,676	26	55,298	3	398,378-	23-
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DUKE ENERGY OHIO

ACCOUNT 3622 STATION EQUIPMENT - MAJOR

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2000	68,818		0		0		0
2001	198,528	15,710	8	5,324	3	10,386-	5-
2002	26,350	3,934	15		0	3,934-	15-
2003							
2004	289,359	96,374	33		0	96,374-	33-
2005	954,584	132,307	14		0	132,307-	14-
2006	342,596	65,102	19		0	65,102-	19-
2007	469,151	89,094	19		0	89,094-	19-
2008	82,985	13,209	16		0	13,209-	16-
2009	48,008	33,170	69		0	33,170-	69-
2010	1,532,896	7,527-	0	16-	0	7,511	0
2011	221,965	16,874	8		0	16,874-	8-
2012							
2013	9,500	7,466	79		0	7,466-	79-
2014	527,335	115,493	22	125-	0	115,617-	22-
2015	1,658,977	236,297	14	3,905	0	232,392-	14-
2016	38,623	19,384	50		0	19,384-	50-
TOTAL	6,469,675	836,887	13	9,088	0	827,799-	13-

THREE-YEAR MOVING AVERAGES

00-02	97,899	6,548	7	1,775	2	4,774-	5-
01-03	74,959	6,548	9	1,775	2	4,774-	6-
02-04	105,236	33,436	32		0	33,436-	32-
03-05	414,648	76,227	18		0	76,227-	18-
04-06	528,847	97,928	19		0	97,928-	19-
05-07	588,777	95,501	16		0	95,501-	16-
06-08	298,244	55,802	19		0	55,802-	19-
07-09	200,048	45,157	23		0	45,157-	23-
08-10	554,629	12,950	2	6-	0	12,956-	2-
09-11	600,956	14,172	2	6-	0	14,178-	2-
10-12	584,954	3,116	1	6-	0	3,121-	1-
11-13	77,155	8,113	11		0	8,113-	11-
12-14	178,945	40,986	23	42-	0	41,028-	23-
13-15	731,937	119,752	16	1,260	0	118,492-	16-
14-16	741,645	123,724	17	1,260	0	122,464-	17-

FIVE-YEAR AVERAGE

12-16	446,887	75,728	17	756	0	74,972-	17-
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DUKE ENERGY OHIO

ACCOUNT 3640 POLES, TOWERS AND FIXTURES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1978	519,719	497,502	96	219,757	42	277,745-	53-
1979	512,430	240,626	47	271,727	53	31,101	6
1980	646,764	284,128	44	522,346	81	238,218	37
1981	743,375	375,512	51	345,090	46	30,422-	4-
1982	742,321	366,455	49	1,369,455	184	1,003,000	135
1983	756,504	373,540	49	1,021,010	135	647,470	86
1984	647,558	448,444	69	336,224	52	112,220-	17-
1985	627,280	253,971	40	347,297	55	93,327	15
1986	538,062	322,770	60	267,953	50	54,817-	10-
1987	584,654	388,690	66	452,716	77	64,026	11
1988	742,795	363,263	49	447,977	60	84,714	11
1989	758,244	546,577	72	520,837	69	25,740-	3-
1990	764,286	495,781	65	414,539	54	81,242-	11-
1991	1,087,726	763,808	70	349,260	32	414,548-	38-
1992	3,187,499	678,229	21	390,043	12	288,186-	9-
1993	1,112,538	746,832	67	573,232	52	173,600-	16-
1994	1,449,776	861,498	59	519,485	36	342,013-	24-
1995	1,484,715	740,156	50	417,674	28	322,482-	22-
1996	917,331	233,524	25	24,477-	3-	258,000-	28-
1997	658,033	140,313	21	204,954	31	64,641	10
1998	1,431,299	345,919	24	153,584	11	192,335-	13-
1999	1,453,260	375,352	26	45,132	3	330,220-	23-
2000	252,072	15,291	6		0	15,291-	6-
2001	1,583,114	99,018	6		0	99,018-	6-
2002	473,275	1,500	0		0	1,500-	0
2003	1,564,815	153,075	10	75,000	5	78,075-	5-
2004	1,814,825	37,156	2		0	37,156-	2-
2005	2,428,589	181,320	7	934	0	180,386-	7-
2006	1,368,082	26,603	2	24,573	2	2,030-	0
2007	2,158,763	224,684	10		0	224,684-	10-
2008	1,597,981	200,640	13		0	200,640-	13-
2009	2,234,420	1,584,652	71	7,883-	0	1,592,535-	71-
2010	1,498,765	2,458,844	164	171-	0	2,459,015-	164-
2011	1,626,524	383,917	24	6,101	0	377,816-	23-
2012	1,127,621	590,653	52	2-	0	590,654-	52-
2013	1,100,523		0		0		0
2014	3,125,106	2,287,181	73	515,188	16	1,771,993-	57-
2015	770,549	831,654	108	1,115	0	830,538-	108-
2016	1,813,046	942,701	52		0	942,702-	52-
TOTAL	47,904,242	19,861,778	41	9,780,669	20	10,081,108-	21-

DUKE ENERGY OHIO

ACCOUNT 3640 POLES, TOWERS AND FIXTURES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
78-80	559,638	340,752	61	337,943	60	2,809-	1-
79-81	634,190	300,088	47	379,721	60	79,632	13
80-82	710,820	342,031	48	745,630	105	403,599	57
81-83	747,400	371,836	50	911,852	122	540,016	72
82-84	715,461	396,146	55	908,896	127	512,750	72
83-85	677,114	358,652	53	568,177	84	209,525	31
84-86	604,300	341,728	57	317,158	52	24,570-	4-
85-87	583,332	321,810	55	355,989	61	34,179	6
86-88	621,837	358,241	58	389,549	63	31,308	5
87-89	695,231	432,843	62	473,843	68	41,000	6
88-90	755,108	468,540	62	461,118	61	7,423-	1-
89-91	870,085	602,055	69	428,212	49	173,843-	20-
90-92	1,679,837	645,939	38	384,614	23	261,325-	16-
91-93	1,795,921	729,623	41	437,512	24	292,111-	16-
92-94	1,916,604	762,186	40	494,253	26	267,933-	14-
93-95	1,349,010	782,829	58	503,464	37	279,365-	21-
94-96	1,283,941	611,726	48	304,228	24	307,498-	24-
95-97	1,020,026	371,331	36	199,384	20	171,947-	17-
96-98	1,002,221	239,919	24	111,354	11	128,565-	13-
97-99	1,180,864	287,195	24	134,556	11	152,638-	13-
98-00	1,045,544	245,521	23	66,238	6	179,282-	17-
99-01	1,096,149	163,220	15	15,044	1	148,176-	14-
00-02	769,487	38,603	5		0	38,603-	5-
01-03	1,207,068	84,531	7	25,000	2	59,531-	5-
02-04	1,284,305	63,911	5	25,000	2	38,911-	3-
03-05	1,936,077	123,851	6	25,311	1	98,539-	5-
04-06	1,870,499	81,693	4	8,502	0	73,191-	4-
05-07	1,985,145	144,202	7	8,502	0	135,700-	7-
06-08	1,708,275	150,642	9	8,191	0	142,451-	8-
07-09	1,997,055	669,992	34	2,628-	0	672,620-	34-
08-10	1,777,055	1,414,712	80	2,685-	0	1,417,397-	80-
09-11	1,786,570	1,475,804	83	651-	0	1,476,455-	83-
10-12	1,417,636	1,144,471	81	1,976	0	1,142,495-	81-
11-13	1,284,889	324,857	25	2,033	0	322,823-	25-
12-14	1,784,417	959,278	54	171,729	10	787,549-	44-
13-15	1,665,393	1,039,612	62	172,101	10	867,511-	52-
14-16	1,902,900	1,353,845	71	172,101	9	1,181,745-	62-

FIVE-YEAR AVERAGE

12-16	1,587,369	930,438	59	103,260	7	827,178-	52-
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DUKE ENERGY OHIO

ACCOUNT 3650 OVERHEAD CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1978	542,230	212,020	39	166,288	31	45,732-	8-
1979	496,943	293,564	59	147,717	30	145,846-	29-
1980	708,284	330,301	47	431,256	61	100,955	14
1981	1,083,599	547,684	51	189,815	18	357,868-	33-
1982	812,837	403,338	50	675,225	83	271,886	33
1983	956,948	425,724	44	461,073	48	35,348	4
1984	894,060	556,298	62	167,482	19	388,816-	43-
1985	682,690	278,756	41	300,928	44	22,172	3
1986	668,244	395,758	59	119,448	18	276,310-	41-
1987	627,665	361,202	58	270,381	43	90,821-	14-
1988	751,805	353,538	47	325,944	43	27,594-	4-
1989	692,017	420,282	61	284,237	41	136,045-	20-
1990	886,896	550,565	62	448,967	51	101,599-	11-
1991	1,355,464	1,041,326	77	186,985	14	854,341-	63-
1992	1,259,126	886,338	70	349,068	28	537,270-	43-
1993	1,164,576	952,738	82	225,661	19	727,077-	62-
1994	2,526,662	1,632,031	65	219,420	9	1,412,611-	56-
1995	1,631,354	1,061,609	65	380,850	23	680,759-	42-
1996	901,165	373,033	41	35,292	4	337,741-	37-
1997	688,174	221,406	32	85,756	12	135,650-	20-
1998	1,616,352	526,448	33	90,155	6	436,293-	27-
1999	1,321,249	361,809	27	14,302	1	347,506-	26-
2000	465,824	56,539	12		0	56,539-	12-
2001	1,023,889	429,950	42		0	429,950-	42-
2002	586,384	104,250	18		0	104,250-	18-
2003	1,376,332	464,238	34	75,000	5	389,238-	28-
2004	2,269,561	290,741	13		0	290,741-	13-
2005	2,926,286	779,562	27	19,163	1	760,399-	26-
2006	2,046,871	467,035	23	15,092	1	451,943-	22-
2007	4,000,304	1,001,443	25		0	1,001,443-	25-
2008	2,576,836	611,876	24		0	611,876-	24-
2009	4,772,442	2,456,700	51	234,412	5	2,222,288-	47-
2010	3,229,520	6,247,300	193	1,082-	0	6,248,382-	193-
2011	4,137,918	870,357	21	3,674-	0	874,030-	21-
2012	8,533,658	956,725	11	3-	0	956,728-	11-
2013	7,066,334		0		0		0
2014	7,967,998	5,792,159	73	1,045,019	13	4,747,140-	60-
2015	8,489,879	1,770,282	21	2,946	0	1,767,336-	21-
2016	12,267,724	2,382,723	19	1-	0	2,382,724-	19-
TOTAL	96,006,103	36,867,649	38	6,963,126	7	29,904,523-	31-

DUKE ENERGY OHIO

ACCOUNT 3650 OVERHEAD CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
78-80	582,486	278,628	48	248,421	43	30,208-	5-
79-81	762,942	390,516	51	256,263	34	134,253-	18-
80-82	868,240	427,108	49	432,099	50	4,991	1
81-83	951,128	458,915	48	442,038	46	16,878-	2-
82-84	887,948	461,787	52	434,593	49	27,194-	3-
83-85	844,566	420,259	50	309,828	37	110,432-	13-
84-86	748,332	410,271	55	195,953	26	214,318-	29-
85-87	659,533	345,239	52	230,252	35	114,987-	17-
86-88	682,572	370,166	54	238,591	35	131,575-	19-
87-89	690,496	378,341	55	293,521	43	84,820-	12-
88-90	776,906	441,462	57	353,049	45	88,413-	11-
89-91	978,126	670,725	69	306,730	31	363,995-	37-
90-92	1,167,162	826,077	71	328,340	28	497,737-	43-
91-93	1,259,722	960,134	76	253,905	20	706,230-	56-
92-94	1,650,121	1,157,036	70	264,716	16	892,319-	54-
93-95	1,774,198	1,215,459	69	275,310	16	940,149-	53-
94-96	1,686,394	1,022,224	61	211,854	13	810,370-	48-
95-97	1,073,564	552,016	51	167,299	16	384,717-	36-
96-98	1,068,564	373,629	35	70,401	7	303,228-	28-
97-99	1,208,592	369,888	31	63,405	5	306,483-	25-
98-00	1,134,475	314,932	28	34,819	3	280,113-	25-
99-01	936,987	282,766	30	4,767	1	277,998-	30-
00-02	692,032	196,913	28		0	196,913-	28-
01-03	995,535	332,813	33	25,000	3	307,813-	31-
02-04	1,410,759	286,410	20	25,000	2	261,410-	19-
03-05	2,190,726	511,514	23	31,388	1	480,126-	22-
04-06	2,414,239	512,446	21	11,419	0	501,028-	21-
05-07	2,991,154	749,347	25	11,419	0	737,928-	25-
06-08	2,874,670	693,451	24	5,031	0	688,420-	24-
07-09	3,783,194	1,356,673	36	78,137	2	1,278,535-	34-
08-10	3,526,266	3,105,292	88	77,777	2	3,027,515-	86-
09-11	4,046,627	3,191,452	79	76,552	2	3,114,900-	77-
10-12	5,300,366	2,691,460	51	1,586-	0	2,693,047-	51-
11-13	6,579,304	609,027	9	1,225-	0	610,253-	9-
12-14	7,855,997	2,249,628	29	348,339	4	1,901,289-	24-
13-15	7,841,404	2,520,814	32	349,322	4	2,171,492-	28-
14-16	9,575,200	3,315,055	35	349,322	4	2,965,733-	31-

FIVE-YEAR AVERAGE

12-16	8,865,119	2,180,378	25	209,593	2	1,970,785-	22-
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DUKE ENERGY OHIO
ACCOUNT 3660 UNDERGROUND CONDUIT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1978	73,639	15,694	21	3,647	5	12,047-	16-
1979	3,368	511	15	205	6	306-	9-
1980	14,170	4,414	31	654	5	3,759-	27-
1981	5,611	1,285	23	194	3	1,091-	19-
1982	67,009	20,066	30	6,165	9	13,900-	21-
1983	7,417	9,472	128	2,210	30	7,262-	98-
1984	5,806	2,641	45	291	5	2,350-	40-
1985	23,021	4,843	21	1,132	5	3,711-	16-
1986	29,323	12,069	41	1,893	6	10,176-	35-
1987	9,017	17,454	194	3,670	41	13,784-	153-
1988	12,525	9,220	74	4,513	36	4,706-	38-
1989	94,987	130,475	137	1,071	1	129,403-	136-
1990	30,246	25,938	86	6,107	20	19,831-	66-
1991	105,542	47,558	45	1,815-	2-	49,373-	47-
1992	49,114	60,584	123	4,131	8	56,453-	115-
1993	63,215	87,610	139	2,117	3	85,493-	135-
1994	45,853	42,436	93	1,650	4	40,785-	89-
1995	133,731	16,975	13		0	16,975-	13-
1996	74,040	16,280	22	1,649	2	14,631-	20-
1997	57		0		0		0
1998	30,315	661	2	1,105	4	444	1
1999	1,813	11,081	611		0	11,081-	611-
2000							
2001							
2002	231,127	13,615-	6-		0	13,615	6
2003	40,981	185	0		0	185-	0
2004	73,803	278-	0		0	278	0
2005	60,481	2,918-	5-		0	2,918	5
2006	35,308	32	0		0	32-	0
2007	85,872	3,009	4		0	3,009-	4-
2008	298,308		0		0		0
2009	91,182	1,382	2	11-	0	1,392-	2-
2010	23,276	193,800	833		0	193,800-	833-
2011	4,359	23,141	531	146-	3-	23,288-	534-
2012	3,299	99,218		2,748-	83-	101,967-	
2013	36,644		0		0		0
2014	92,936	96,276	104	20,356	22	75,920-	82-
2015	74,750	225,264	301	1,406	2	223,858-	299-
2016	426,581	4,534	1		0	4,534-	1-
TOTAL	2,458,726	1,167,296	47	59,448	2	1,107,848-	45-

DUKE ENERGY OHIO

ACCOUNT 3660 UNDERGROUND CONDUIT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
78-80	30,392	6,873	23	1,502	5	5,371-	18-
79-81	7,717	2,070	27	351	5	1,719-	22-
80-82	28,930	8,588	30	2,338	8	6,250-	22-
81-83	26,679	10,274	39	2,857	11	7,418-	28-
82-84	26,744	10,726	40	2,889	11	7,838-	29-
83-85	12,081	5,652	47	1,211	10	4,441-	37-
84-86	19,383	6,518	34	1,105	6	5,412-	28-
85-87	20,453	11,455	56	2,232	11	9,224-	45-
86-88	16,955	12,914	76	3,359	20	9,555-	56-
87-89	38,843	52,383	135	3,085	8	49,298-	127-
88-90	45,920	55,211	120	3,897	8	51,314-	112-
89-91	76,925	67,990	88	1,788	2	66,202-	86-
90-92	61,634	44,693	73	2,808	5	41,886-	68-
91-93	72,624	65,251	90	1,478	2	63,773-	88-
92-94	52,728	63,543	121	2,633	5	60,911-	116-
93-95	80,933	49,007	61	1,256	2	47,751-	59-
94-96	84,541	25,230	30	1,100	1	24,131-	29-
95-97	69,276	11,085	16	550	1	10,535-	15-
96-98	34,804	5,647	16	918	3	4,729-	14-
97-99	10,729	3,914	36	368	3	3,546-	33-
98-00	10,710	3,914	37	368	3	3,546-	33-
99-01	604	3,694	611		0	3,694-	611-
00-02	77,042	4,538-	6-		0	4,538	6
01-03	90,703	4,477-	5-		0	4,477	5
02-04	115,304	4,569-	4-		0	4,569	4
03-05	58,422	1,004-	2-		0	1,004	2
04-06	56,530	1,055-	2-		0	1,055	2
05-07	60,553	41	0		0	41-	0
06-08	139,829	1,014	1		0	1,014-	1-
07-09	158,454	1,463	1	4-	0	1,467-	1-
08-10	137,589	65,060	47	4-	0	65,064-	47-
09-11	39,605	72,774	184	52-	0	72,827-	184-
10-12	10,311	105,386		965-	9-	106,351-	
11-13	14,767	40,787	276	965-	7-	41,751-	283-
12-14	44,293	65,165	147	5,869	13	59,295-	134-
13-15	68,110	107,180	157	7,254	11	99,926-	147-
14-16	198,089	108,691	55	7,254	4	101,437-	51-
FIVE-YEAR AVERAGE							
12-16	126,842	85,058	67	3,803	3	81,256-	64-

DUKE ENERGY OHIO

ACCOUNT 3670 UNDERGROUND CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1978	196,110	31,156	16	34,939	18	3,783	2
1979	112,857	41,006	36	33,332	30	7,674-	7-
1980	128,518	39,309	31	34,574	27	4,736-	4-
1981	150,952	50,397	33	36,186	24	14,211-	9-
1982	233,330	76,845	33	82,585	35	5,740	2
1983	172,482	63,064	37	45,378	26	17,686-	10-
1984	469,614	102,220	22	43,263	9	58,956-	13-
1985	295,776	83,199	28	152,985	52	69,786	24
1986	351,155	135,811	39	64,144	18	71,667-	20-
1987	258,002	89,837	35	89,125	35	712-	0
1988	464,205	123,031	27	167,282	36	44,251	10
1989	394,643	184,436	47	134,800	34	49,636-	13-
1990	487,984	193,977	40	129,669	27	64,308-	13-
1991	671,066	210,986	31	45,310	7	165,676-	25-
1992	514,789	336,169	65	124,546	24	211,623-	41-
1993	611,360	273,067	45	98,515	16	174,552-	29-
1994	778,410	347,948	45	47,097	6	300,852-	39-
1995	824,398	211,996	26	504,474	61	292,478	35
1996	372,592	245,535	66	3,626	1	241,909-	65-
1997	61,708	16,668	27	4,073	7	12,594-	20-
1998	218,490	19,494	9	15,093	7	4,401-	2-
1999	170,401	46,810	27		0	46,810-	27-
2000	820	1	0		0	1-	0
2001	249,401	18,229	7		0	18,229-	7-
2002	536,747	13,408	2		0	13,408-	2-
2003	765,307	47,145	6		0	47,145-	6-
2004	1,043,220	14,040	1		0	14,040-	1-
2005	1,250,555	113,384-	9-	29,397	2	142,781	11
2006	511,838	192,845-	38-		0	192,845	38
2007	1,571,060	57,308	4		0	57,308-	4-
2008	821,725	8,167	1		0	8,167-	1-
2009	1,539,525	316,903	21	2,399-	0	319,302-	21-
2010	1,093,226	2,859,781	262	238-	0	2,860,019-	262-
2011	1,378,595	476,321	35	655-	0	476,977-	35-
2012	1,286,387	257,199	20	1-	0	257,200-	20-
2013	653,792		0		0		0
2014	2,498,217	301,438	12	58,994	2	242,443-	10-
2015	303,971	362,452	119	2	0	362,450-	119-
2016	1,748,910	513,735	29		0	513,736-	29-
TOTAL	25,192,137	7,862,862	31	1,976,095	8	5,886,767-	23-

DUKE ENERGY OHIO

ACCOUNT 3670 UNDERGROUND CONDUCTORS AND DEVICES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
78-80	145,828	37,157	25	34,281	24	2,876-	2-
79-81	130,776	43,571	33	34,697	27	8,874-	7-
80-82	170,933	55,517	32	51,115	30	4,402-	3-
81-83	185,588	63,436	34	54,716	29	8,719-	5-
82-84	291,808	80,710	28	57,075	20	23,634-	8-
83-85	312,624	82,828	26	80,542	26	2,286-	1-
84-86	372,181	107,077	29	86,797	23	20,279-	5-
85-87	301,644	102,949	34	102,085	34	864-	0
86-88	357,787	116,226	32	106,850	30	9,376-	3-
87-89	372,283	132,434	36	130,402	35	2,032-	1-
88-90	448,944	167,148	37	143,917	32	23,231-	5-
89-91	517,898	196,466	38	103,260	20	93,207-	18-
90-92	557,947	247,044	44	99,842	18	147,202-	26-
91-93	599,072	273,407	46	89,457	15	183,950-	31-
92-94	634,853	319,061	50	90,053	14	229,009-	36-
93-95	738,056	277,670	38	216,695	29	60,975-	8-
94-96	658,467	268,493	41	185,066	28	83,428-	13-
95-97	419,566	158,067	38	170,725	41	12,658	3
96-98	217,596	93,899	43	7,598	3	86,301-	40-
97-99	150,200	27,657	18	6,389	4	21,268-	14-
98-00	129,904	22,102	17	5,031	4	17,071-	13-
99-01	140,207	21,680	15		0	21,680-	15-
00-02	262,323	10,546	4		0	10,546-	4-
01-03	517,152	26,261	5		0	26,261-	5-
02-04	781,758	24,865	3		0	24,865-	3-
03-05	1,019,694	17,400-	2-	9,799	1	27,199	3
04-06	935,204	97,396-	10-	9,799	1	107,195	11
05-07	1,111,151	82,974-	7-	9,799	1	92,773	8
06-08	968,208	42,457-	4-		0	42,457	4
07-09	1,310,770	127,459	10	800-	0	128,259-	10-
08-10	1,151,492	1,061,617	92	879-	0	1,062,496-	92-
09-11	1,337,115	1,217,668	91	1,097-	0	1,218,766-	91-
10-12	1,252,736	1,197,767	96	298-	0	1,198,065-	96-
11-13	1,106,258	244,507	22	219-	0	244,726-	22-
12-14	1,479,465	186,212	13	19,664	1	166,548-	11-
13-15	1,151,993	221,297	19	19,665	2	201,631-	18-
14-16	1,517,033	392,542	26	19,665	1	372,877-	25-

FIVE-YEAR AVERAGE

12-16	1,298,255	286,965	22	11,799	1	275,166-	21-
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DUKE ENERGY OHIO
ACCOUNT 3680 LINE TRANSFORMERS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1978	1,104,872	88,720	8	444,742	40	356,022	32
1979	1,252,118	130,646	10	568,848	45	438,202	35
1980	1,134,968	151,482	13	514,032	45	362,550	32
1981	1,910,669	244,144	13	747,548	39	503,404	26
1982	1,445,487	221,734	15	829,998	57	608,264	42
1983	1,910,132	305,666	16	697,228	37	391,562	20
1984	2,222,146	576,330	26	649,845	29	73,514	3
1985	1,685,541	215,146	13	864,418	51	649,272	39
1986	1,845,215	662,156	36	996,024	54	333,867	18
1987	2,658,861	1,036,436	39	932,768	35	103,668-	4-
1988	2,705,895	568,022	21	862,609	32	294,587	11
1989	2,829,646	1,015,436	36	1,213,550	43	198,114	7
1990	2,638,556	827,335	31	1,149,554	44	322,220	12
1991	3,137,828	1,354,050	43	1,297,961	41	56,089-	2-
1992	3,607,412	882,622	24	1,676,977	46	794,354	22
1993	3,369,038	222,376	7	977,590	29	755,214	22
1994	3,732,511	568,484	15	1,043,229	28	474,745	13
1995	4,075,089	609,649	15	1,641,587	40	1,031,939	25
1996	3,291,755	125,922-	4-	598,719	18	724,641	22
1997	1,859,548	43,457-	2-	494,421	27	537,878	29
1998	2,526,028	147,498	6	534,280	21	386,783	15
1999	1,683,174	140,733	8	333,548	20	192,814	11
2000	77,286	8,408	11		0	8,408-	11-
2001	1,590,532	71,346	4		0	71,346-	4-
2002	2,834,941	23,257	1		0	23,257-	1-
2003	1,723,362	440,387	26	121,606	7	318,781-	18-
2004	3,633,556	89,962-	2-	140,270	4	230,231	6
2005	2,803,998	92,906	3	701	0	92,206-	3-
2006	3,413,531	13,905	0	9,481	0	4,424-	0
2007	4,032,309	69,894	2		0	69,894-	2-
2008	1,445,037	42,753	3		0	42,753-	3-
2009	7,940,883	334,236	4	7,315	0	326,922-	4-
2010	1,728,656	3,051,061	176	34-	0	3,051,095-	177-
2011	3,312,937	98,914	3	141-	0	99,055-	3-
2012	496,496	340,630	69	1-	0	340,630-	69-
2013	4,605,559		0		0		0
2014	2,716,695	508,868	19	130,434	5	378,434-	14-
2015	3,923,279	2,417,695	62	28,132	1	2,389,563-	61-
2016	8,555,108	132,178	2		0	132,178-	2-
TOTAL	107,460,654	17,355,764	16	19,507,238	18	2,151,474	2

DUKE ENERGY OHIO
ACCOUNT 3680 LINE TRANSFORMERS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
78-80	1,163,986	123,616	11	509,208	44	385,592	33
79-81	1,432,585	175,424	12	610,143	43	434,719	30
80-82	1,497,041	205,787	14	697,193	47	491,406	33
81-83	1,755,429	257,181	15	758,258	43	501,076	29
82-84	1,859,255	367,910	20	725,690	39	357,780	19
83-85	1,939,273	365,714	19	737,164	38	371,449	19
84-86	1,917,634	484,544	25	836,762	44	352,218	18
85-87	2,063,206	637,913	31	931,070	45	293,157	14
86-88	2,403,324	755,538	31	930,467	39	174,929	7
87-89	2,731,467	873,298	32	1,002,976	37	129,678	5
88-90	2,724,699	803,598	29	1,075,238	39	271,640	10
89-91	2,868,677	1,065,607	37	1,220,355	43	154,748	5
90-92	3,127,932	1,021,336	33	1,374,831	44	353,495	11
91-93	3,371,426	819,683	24	1,317,509	39	497,826	15
92-94	3,569,653	557,828	16	1,232,599	35	674,771	19
93-95	3,725,546	466,836	13	1,220,802	33	753,966	20
94-96	3,699,785	350,737	9	1,094,512	30	743,775	20
95-97	3,075,464	146,757	5	911,576	30	764,819	25
96-98	2,559,110	7,294-	0	542,473	21	549,767	21
97-99	2,022,917	81,591	4	454,083	22	372,492	18
98-00	1,428,829	98,880	7	289,276	20	190,396	13
99-01	1,116,998	73,496	7	111,183	10	37,687	3
00-02	1,500,920	34,337	2		0	34,337-	2-
01-03	2,049,612	178,330	9	40,535	2	137,795-	7-
02-04	2,730,620	124,561	5	87,292	3	37,269-	1-
03-05	2,720,306	147,777	5	87,526	3	60,252-	2-
04-06	3,283,695	5,616	0	50,150	2	44,534	1
05-07	3,416,613	58,902	2	3,394	0	55,508-	2-
06-08	2,963,626	42,184	1	3,160	0	39,024-	1-
07-09	4,472,743	148,961	3	2,438	0	146,523-	3-
08-10	3,704,859	1,142,683	31	2,427	0	1,140,257-	31-
09-11	4,327,492	1,161,404	27	2,380	0	1,159,024-	27-
10-12	1,846,030	1,163,535	63	59-	0	1,163,593-	63-
11-13	2,804,997	146,514	5	47-	0	146,562-	5-
12-14	2,606,250	283,166	11	43,478	2	239,688-	9-
13-15	3,748,511	975,521	26	52,855	1	922,666-	25-
14-16	5,065,027	1,019,580	20	52,855	1	966,725-	19-
FIVE-YEAR AVERAGE							
12-16	4,059,427	679,874	17	31,713	1	648,161-	16-

DUKE ENERGY OHIO

ACCOUNT 3682 LINE TRANSFORMERS - CUSTOMER INSTALL

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1978	9,270	2,801	30	2,631	28	170-	2-
1979	9,832	3,561	36	1,866	19	1,696-	17-
1980	5,654	13	0	2,510	44	2,497	44
1981	22,535	4,598	20	2,842	13	1,756-	8-
1982	8,372	1,936	23	2,075	25	139	2
1983	30,843	127	0	1,396	5	1,268	4
1984	44,388	1,039	2	5,092	11	4,052	9
1985	60,003	859	1	29,158	49	28,299	47
1986	84,151	2,020-	2-	63,379	75	65,399	78
1987	8,411	3,293	39	2,807	33	486-	6-
1988	37,394	3,322	9	253,515	678	250,192	669
1989	50,285	13,822	27	8,119	16	5,703-	11-
1990	44,059	13,006	30	58,605	133	45,599	103
1991	59,572	42,020	71	4,651	8	37,369-	63-
1992	20,553	9,021	44	9,338	45	318	2
1993	326	149	46	502	154	352	108
1994	75,752	1,028	1	1,035	1	8	0
1995	175,722	5,838	3	20,480-	12-	26,318-	15-
1996				16,890-		16,890-	
1997	8,944	5,204	58	8,183	91	2,979	33
1998	199,980		0	1,350	1	1,350	1
1999	27,186		0		0		0
2000							
2001							
2002							
2003	3,172	453	14		0	453-	14-
2004	25,238	4,820	19		0	4,820-	19-
2005							
2006							
2007							
2008							
2009							
2010							
2011							
2012							
2013							
2014							
2015	72,651	42,169	58	2,875	4	39,294-	54-
2016							
TOTAL	1,084,295	157,061	14	424,558	39	267,497	25

DUKE ENERGY OHIO

ACCOUNT 3682 LINE TRANSFORMERS - CUSTOMER INSTALL

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
78-80	8,252	2,125	26	2,336	28	210	3
79-81	12,674	2,724	21	2,406	19	318-	3-
80-82	12,187	2,183	18	2,476	20	293	2
81-83	20,584	2,221	11	2,104	10	116-	1-
82-84	27,868	1,034	4	2,854	10	1,820	7
83-85	45,078	675	1	11,882	26	11,207	25
84-86	62,847	40-	0	32,543	52	32,584	52
85-87	50,855	711	1	31,782	62	31,071	61
86-88	43,319	1,532	4	106,567	246	105,035	242
87-89	32,030	6,813	21	88,147	275	81,334	254
88-90	43,913	10,050	23	106,746	243	96,696	220
89-91	51,305	22,949	45	23,791	46	842	2
90-92	41,395	21,349	52	24,198	58	2,849	7
91-93	26,817	17,063	64	4,830	18	12,233-	46-
92-94	32,210	3,399	11	3,625	11	226	1
93-95	83,933	2,339	3	6,314-	8-	8,653-	10-
94-96	83,825	2,289	3	12,111-	14-	14,400-	17-
95-97	61,555	3,681	6	9,729-	16-	13,409-	22-
96-98	69,641	1,735	2	2,452-	4-	4,187-	6-
97-99	78,703	1,735	2	3,178	4	1,443	2
98-00	75,722		0	450	1	450	1
99-01	9,062		0		0		0
00-02							
01-03	1,057	151	14		0	151-	14-
02-04	9,470	1,758	19		0	1,758-	19-
03-05	9,470	1,758	19		0	1,758-	19-
04-06	8,413	1,607	19		0	1,607-	19-
05-07							
06-08							
07-09							
08-10							
09-11							
10-12							
11-13							
12-14							
13-15	24,217	14,056	58	958	4	13,098-	54-
14-16	24,217	14,056	58	958	4	13,098-	54-

FIVE-YEAR AVERAGE

12-16	14,530	8,434	58	575	4	7,859-	54-
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DUKE ENERGY OHIO

ACCOUNT 3691 SERVICES - UNDERGROUND

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1978	3,662	727	20	660	18	67-	2-
1979	1,013	566	56	820	81	254	25
1980	433	233	54	101	23	132-	31-
1981	2,136	4,025	188	144	7	3,881-	182-
1982	3,479	1,883	54	1,099	32	784-	23-
1983	2,760	1,381	50	4,670	169	3,289	119
1984	2,110	1,329	63	410	19	919-	44-
1985	7,937	4,137	52	6,718	85	2,581	33
1986	6,049	5,074	84	298	5	4,776-	79-
1987	2,629	1,791	68	1,073	41	718-	27-
1988	4,200	1,649	39	2,234	53	585	14
1989	2,961	1,707	58	1,114	38	593-	20-
1990	1,555	753	48	789	51	36	2
1991	9,680	5,652	58	1,843	19	3,810-	39-
1992	3,233	1,666	52	851	26	814-	25-
1993	378		0	26	7	26	7
1994	5,650	5,251	93	614	11	4,636-	82-
1995	3,598	1,489	41	339	9	1,150-	32-
1996	3,403	483	14	198	6	285-	8-
1997	2	2	99		1	2-	98-
1998	1		0		0		0
1999							
2000							
2001							
2002	355		0		0		0
2003	11,706	76	1		0	76-	1-
2004	4,424		0		0		0
2005	884	216	24		0	216-	24-
2006	405		0		0		0
2007	4,495		0		0		0
2008							
2009	623	595	96		0	596-	96-
2010		8,178				8,178-	
2011	1,285	219	17		0	219-	17-
2012							
2013	17,439		0		0		0
2014	9,194	2,541	28	373	4	2,168-	24-
2015	9,952	5,906	59	70	1	5,835-	59-
2016	25		0		0		0
TOTAL	127,654	57,531	45	24,445	19	33,086-	26-

DUKE ENERGY OHIO

ACCOUNT 3691 SERVICES - UNDERGROUND

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
78-80	1,703	509	30	527	31	18	1
79-81	1,194	1,608	135	355	30	1,253-	105-
80-82	2,016	2,047	102	448	22	1,599-	79-
81-83	2,791	2,430	87	1,971	71	459-	16-
82-84	2,783	1,531	55	2,060	74	529	19
83-85	4,269	2,283	53	3,933	92	1,650	39
84-86	5,365	3,514	65	2,475	46	1,038-	19-
85-87	5,538	3,668	66	2,696	49	971-	18-
86-88	4,292	2,838	66	1,202	28	1,636-	38-
87-89	3,263	1,716	53	1,474	45	242-	7-
88-90	2,905	1,370	47	1,379	47	9	0
89-91	4,732	2,704	57	1,248	26	1,455-	31-
90-92	4,823	2,690	56	1,161	24	1,529-	32-
91-93	4,430	2,439	55	907	20	1,533-	35-
92-94	3,087	2,305	75	497	16	1,808-	59-
93-95	3,209	2,247	70	327	10	1,920-	60-
94-96	4,217	2,408	57	384	9	2,024-	48-
95-97	2,334	658	28	179	8	479-	21-
96-98	1,135	162	14	66	6	96-	8-
97-99	1	1	76		1	1-	75-
98-00			0		0		0
99-01							
00-02	118		0		0		0
01-03	4,020	25	1		0	25-	1-
02-04	5,495	25	0		0	25-	0
03-05	5,671	97	2		0	97-	2-
04-06	1,904	72	4		0	72-	4-
05-07	1,928	72	4		0	72-	4-
06-08	1,633		0		0		0
07-09	1,706	198	12		0	199-	12-
08-10	208	2,924			0	2,925-	
09-11	636	2,997	471		0	2,998-	471-
10-12	428	2,799	653		0	2,799-	653-
11-13	6,242	73	1		0	73-	1-
12-14	8,878	847	10	124	1	723-	8-
13-15	12,195	2,816	23	148	1	2,668-	22-
14-16	6,390	2,816	44	148	2	2,668-	42-
FIVE-YEAR AVERAGE							
12-16	7,322	1,689	23	89	1	1,601-	22-

DUKE ENERGY OHIO

ACCOUNT 3692 SERVICES - OVERHEAD

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1978	180,416	115,840	64	51,563	29	64,277-	36-
1979	167,024	111,908	67	42,800	26	69,107-	41-
1980	192,508	128,542	67	62,583	33	65,959-	34-
1981	202,495	149,812	74	40,990	20	108,822-	54-
1982	177,670	126,172	71	78,101	44	48,070-	27-
1983	227,017	152,992	67	60,061	26	92,931-	41-
1984	243,479	162,937	67	36,317	15	126,620-	52-
1985	223,661	138,247	62	42,508	19	95,739-	43-
1986	216,724	200,394	92	14,423	7	185,971-	86-
1987	248,883	244,594	98	67,426	27	177,168-	71-
1988	268,241	176,933	66	63,418	24	113,515-	42-
1989	268,549	218,748	81	70,954	26	147,794-	55-
1990	267,430	229,328	86	55,171	21	174,157-	65-
1991	296,841	285,754	96	36,316	12	249,438-	84-
1992	248,851	224,625	90	60,004	24	164,621-	66-
1993	265,156	262,147	99	47,282	18	214,865-	81-
1994	283,099	222,476	79	50,423	18	172,052-	61-
1995	292,349	216,325	74	35,608	12	180,716-	62-
1996	244,422	121,793	50	19,293	8	102,499-	42-
1997	203,496	106,836	53	2,571-	1-	109,407-	54-
1998	262,263	131,689	50	13,724	5	117,965-	45-
1999	259,002	147,502	57	1,061	0	146,441-	57-
2000	1,764	290	16		0	290-	16-
2001	152,541	78,524	51		0	78,524-	51-
2002	96,906	59	0		0	59-	0
2003	459,921	209,851	46		0	209,851-	46-
2004	614,812	7	0		0	7-	0
2005	768,993	1,570	0		0	1,570-	0
2006	526,392	25	0		0	25-	0
2007	1,096,678	192	0		0	192-	0
2008	806,012	2,392	0		0	2,392-	0
2009	763,488	204,645	27	1,110-	0	205,755-	27-
2010	120,509	803,679	667		0	803,679-	667-
2011	113,875	101,818	89		0	101,819-	89-
2012	53,857	152,949	284		0	152,950-	284-
2013	31,588		0		0		0
2014	164,479	60,511	37	13,904	8	46,607-	28-
2015	31,702	6,142	19		0	6,142-	19-
2016	168,675		0		0		0
TOTAL	11,211,769	5,498,246	49	960,249	9	4,537,997-	40-

DUKE ENERGY OHIO

ACCOUNT 3692 SERVICES - OVERHEAD

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
78-80	179,983	118,763	66	52,315	29	66,448-	37-
79-81	187,342	130,087	69	48,791	26	81,296-	43-
80-82	190,891	134,842	71	60,558	32	74,284-	39-
81-83	202,394	142,992	71	59,717	30	83,274-	41-
82-84	216,055	147,367	68	58,160	27	89,207-	41-
83-85	231,386	151,392	65	46,295	20	105,097-	45-
84-86	227,954	167,193	73	31,083	14	136,110-	60-
85-87	229,756	194,412	85	41,452	18	152,959-	67-
86-88	244,616	207,307	85	48,422	20	158,884-	65-
87-89	261,891	213,425	81	67,266	26	146,159-	56-
88-90	268,073	208,336	78	63,181	24	145,155-	54-
89-91	277,607	244,610	88	54,147	20	190,463-	69-
90-92	271,041	246,569	91	50,497	19	196,072-	72-
91-93	270,283	257,509	95	47,867	18	209,641-	78-
92-94	265,702	236,416	89	52,570	20	183,846-	69-
93-95	280,202	233,649	83	44,438	16	189,211-	68-
94-96	273,290	186,864	68	35,108	13	151,756-	56-
95-97	246,756	148,318	60	17,444	7	130,874-	53-
96-98	236,727	120,106	51	10,149	4	109,957-	46-
97-99	241,587	128,676	53	4,071	2	124,605-	52-
98-00	174,343	93,160	53	4,928	3	88,232-	51-
99-01	137,769	75,439	55	354	0	75,085-	55-
00-02	83,737	26,291	31		0	26,291-	31-
01-03	236,456	96,144	41		0	96,144-	41-
02-04	390,547	69,972	18		0	69,972-	18-
03-05	614,576	70,476	11		0	70,476-	11-
04-06	636,733	534	0		0	534-	0
05-07	797,354	596	0		0	596-	0
06-08	809,694	870	0		0	870-	0
07-09	888,726	69,077	8	370-	0	69,447-	8-
08-10	563,336	336,905	60	370-	0	337,275-	60-
09-11	332,624	370,047	111	370-	0	370,418-	111-
10-12	96,080	352,815	367		0	352,816-	367-
11-13	66,440	84,923	128		0	84,923-	128-
12-14	83,308	71,153	85	4,635	6	66,519-	80-
13-15	75,923	22,218	29	4,635	6	17,583-	23-
14-16	121,619	22,218	18	4,635	4	17,583-	14-
FIVE-YEAR AVERAGE							
12-16	90,060	43,920	49	2,781	3	41,140-	46-

DUKE ENERGY OHIO

ACCOUNTS 3700, 3701 AND 3702 METERS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1978	294,676	3,902-	1-	6,539	2	10,441	4
1979	291,434	2,800	1	34,420	12	31,620	11
1980	329,892	5,064	2	28,890	9	23,826	7
1981	323,706	4,106	1	32,627	10	28,520	9
1982	278,795	5,284	2	31,397	11	26,112	9
1983	352,580	3,427	1	51,731	15	48,304	14
1984	288,963	3,671	1	42,602	15	38,931	13
1985	379,672	2,794	1	96,457	25	93,663	25
1986	419,038	12,354	3	92,576	22	80,222	19
1987	413,706	14,217	3	97,765	24	83,548	20
1988	394,431	25,622	6	98,296	25	72,674	18
1989	467,245	27,121	6	142,061	30	114,940	25
1990	573,318	46,300	8	122,216	21	75,916	13
1991	616,715	48,740	8	118,876	19	70,136	11
1992	1,004,630	55,553	6	141,919	14	86,366	9
1993	1,165,512	52,604	5	202,102	17	149,498	13
1994	1,422,994	66,109	5	113,816	8	47,707	3
1995	1,111,183	42,868	4	219,262	20	176,393	16
1996	1,226,522	24,791	2	183,235	15	158,444	13
1997	908,939	1,853-	0	121,142	13	122,995	14
1998	788,694	70,883-	9-	129,008	16	199,891	25
1999	1,661,889	86,968	5	64,792	4	22,177-	1-
2000							
2001	611,450		0		0		0
2002							
2003	1,138,777		0		0		0
2004	697,464	671,293	96	18,706	3	652,587-	94-
2005	2,690,116		0		0		0
2006	2,433,850		0		0		0
2007	1,279,211		0		0		0
2008	2,108,441		0		0		0
2009	2,412,044	171,402	7	17,630	1	153,772-	6-
2010	2,590,313	7,861-	0		0	7,861	0
2011	13,623,940	88,458	1		0	88,458-	1-
2012	14,130,934	103,833	1		0	103,833-	1-
2013	14,050,516	63,389	0		0	63,389-	0
2014	2,418,343	5,305	0		0	5,305-	0
2015	1,172,610	20,343	2	241	0	20,101-	2-
2016	13,220,164	64,978	0	390,993	3	326,016	2
TOTAL	89,292,706	1,634,895	2	2,599,296	3	964,401	1

DUKE ENERGY OHIO

ACCOUNTS 3700, 3701 AND 3702 METERS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
78-80	305,334	1,321	0	23,283	8	21,962	7
79-81	315,011	3,990	1	31,979	10	27,989	9
80-82	310,798	4,818	2	30,971	10	26,153	8
81-83	318,360	4,273	1	38,585	12	34,312	11
82-84	306,779	4,128	1	41,910	14	37,782	12
83-85	340,405	3,298	1	63,597	19	60,299	18
84-86	362,558	6,273	2	77,212	21	70,939	20
85-87	404,139	9,788	2	95,599	24	85,811	21
86-88	409,058	17,398	4	96,212	24	78,815	19
87-89	425,127	22,320	5	112,707	27	90,387	21
88-90	478,332	33,014	7	120,857	25	87,843	18
89-91	552,426	40,720	7	127,718	23	86,997	16
90-92	731,555	50,198	7	127,670	17	77,472	11
91-93	928,953	52,299	6	154,299	17	102,000	11
92-94	1,197,712	58,089	5	152,612	13	94,523	8
93-95	1,233,229	53,860	4	178,393	14	124,533	10
94-96	1,253,566	44,589	4	172,104	14	127,515	10
95-97	1,082,215	21,935	2	174,546	16	152,611	14
96-98	974,719	15,982-	2-	144,461	15	160,443	16
97-99	1,119,841	4,744	0	104,980	9	100,236	9
98-00	816,861	5,362	1	64,600	8	59,238	7
99-01	757,779	28,989	4	21,597	3	7,392-	1-
00-02	203,817		0		0		0
01-03	583,409		0		0		0
02-04	612,080	223,764	37	6,235	1	217,529-	36-
03-05	1,508,786	223,764	15	6,235	0	217,529-	14-
04-06	1,940,477	223,764	12	6,235	0	217,529-	11-
05-07	2,134,392		0		0		0
06-08	1,940,501		0		0		0
07-09	1,933,232	57,134	3	5,877	0	51,257-	3-
08-10	2,370,266	54,514	2	5,877	0	48,637-	2-
09-11	6,208,765	84,000	1	5,877	0	78,123-	1-
10-12	10,115,062	61,477	1		0	61,477-	1-
11-13	13,935,130	85,227	1		0	85,227-	1-
12-14	10,199,931	57,509	1		0	57,509-	1-
13-15	5,880,490	29,679	1	80	0	29,598-	1-
14-16	5,603,706	30,209	1	130,412	2	100,203	2

FIVE-YEAR AVERAGE

12-16	8,998,513	51,569	1	78,247	1	26,678	0
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DUKE ENERGY OHIO

ACCOUNT 3712 INSTALLATIONS ON CUSTOMERS PREMISES - COMPANY OWNED OUTDOOR
LIGHTING

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2006	270		0		0		0
2007	199		0		0		0
2008	135		0		0		0
2009							
2010	29,137	59,311	204		0	59,311-	204-
2011	154,394	361	0		0	361-	0
2012	147,293	76,475	52		0	76,475-	52-
2013	279,831		0		0		0
2014	130,224		0		0		0
2015	88,053		0		0		0
2016	411,195		0		0		0
TOTAL	1,240,730	136,147	11		0	136,147-	11-

THREE-YEAR MOVING AVERAGES

06-08	201		0		0		0
07-09	111		0		0		0
08-10	9,757	19,770	203		0	19,770-	203-
09-11	61,177	19,891	33		0	19,891-	33-
10-12	110,275	45,382	41		0	45,382-	41-
11-13	193,839	25,612	13		0	25,612-	13-
12-14	185,783	25,492	14		0	25,492-	14-
13-15	166,036		0		0		0
14-16	209,824		0		0		0

FIVE-YEAR AVERAGE

12-16	211,319	15,295	7		0	15,295-	7-
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DUKE ENERGY OHIO

ACCOUNT 3720 LEASED PROPERTY ON CUSTOMER PREMISES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1978				367		367	
1979							
1980							
1981							
1982							
1983							
1984							
1985	408	7	2	132	32	125	31
1986							
1987							
1988							
1989							
1990							
1991							
1992	1,555	536	34	108	7	427-	27-
1993	53,728		0	2	0	2	0
1994		31,821		1,831		29,991-	
1995	53,728		0	9,150	17	9,150	17
1996	1,143		0	1,708-	149-	1,708-	149-
1997							
1998	514,308		0		0		0
1999							
2000							
2001							
2002							
2003							
2004							
2005							
2006							
2007							
2008							
2009							
2010							
2011							
2012							
2013							
2014							
2015							
2016							
TOTAL	624,870	32,364	5	9,881	2	22,482-	4-



DUKE ENERGY OHIO

ACCOUNT 3720 LEASED PROPERTY ON CUSTOMER PREMISES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
78-80				122		122	
79-81							
80-82							
81-83							
82-84							
83-85	136	2	2	44	32	42	31
84-86	136	2	2	44	32	42	31
85-87	136	2	2	44	32	42	31
86-88							
87-89							
88-90							
89-91							
90-92	518	178	34	36	7	142-	27-
91-93	18,428	178	1	37	0	142-	1-
92-94	18,428	10,786	59	647	4	10,138-	55-
93-95	35,819	10,607	.30	3,661	10	6,946-	19-
94-96	18,290	10,607	58	3,091	17	7,516-	41-
95-97	18,290		0	2,481	14	2,481	14
96-98	171,817		0	569-	0	569-	0
97-99	171,436		0		0		0
98-00	171,436		0		0		0
99-01							
00-02							
01-03							
02-04							
03-05							
04-06							
05-07							
06-08							
07-09							
08-10							
09-11							
10-12							
11-13							
12-14							
13-15							
14-16							

FIVE-YEAR AVERAGE

12-16

DUKE ENERGY OHIO

ACCOUNT 3731 STREET LIGHTING AND SIGNAL SYSTEMS - OVERHEAD

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1978	69,389	17,429	25	20,572	30	3,143	5
1979	66,869	23,208	35	18,240	27	4,968-	7-
1980	69,865	14,225	20	59,495	85	45,270	65
1981	47,723	20,762	44	13,230	28	7,532-	16-
1982	115,634	30,590	26	27,959	24	2,631-	2-
1983	84,479	20,951	25	29,222	35	8,270	10
1984	117,384	53,119	45	19,971	17	33,148-	28-
1985	168,075	29,051	17	39,062	23	10,011	6
1986	150,560	23,556	16	11,562	8	11,994-	8-
1987	59,635	31,054	52	30,520	51	534-	1-
1988	87,904	38,335	44	34,252	39	4,083-	5-
1989	107,627	23,232	22	35,403	33	12,171	11
1990	138,199	20,340	15	42,836	31	22,496	16
1991	147,330	41,255	28	51,749	35	10,494	7
1992	258,434	23,912	9	44,583	17	20,671	8
1993	34,831	24,470	70	9,868	28	14,601-	42-
1994	234,813	49,242	21	35,206	15	14,036-	6-
1995	319,382	45,098	14	16,817	5	28,280-	9-
1996	98,440	21,500	22	39,590	40	18,090	18
1997	80,512	4,650	6	4,742	6	92	0
1998	175,854	16,207	9	2,286	1	13,921-	8-
1999	48,556	20,576	42	665	1	19,911-	41-
2000	516	62	12		0	62-	12-
2001	1,073,450	84,792	8		0	84,792-	8-
2002	7,660	109	1		0	109-	1-
2003	5,881	1,957-	33-		0	1,957	33
2004	206,053	162-	0		0	162	0
2005	216,973	173-	0		0	173	0
2006	163,214	68	0		0	68-	0
2007	152,448	1,223	1		0	1,223-	1-
2008	166,261	164	0		0	164-	0
2009	80,949	19,193-	24-	22-	0	19,171	24
2010	45,669	780,673			0	780,673-	
2011	50,481	9,487	19		0	9,487-	19-
2012	51,006	76,475	150		0	76,475-	150-
2013	9,154		0		0		0
2014	412,293	201,729	49	52,477	13	149,252-	36-
2015	367,134	438	0		0	438-	0
2016	121,265	597	0		0	597-	0
TOTAL	5,811,905	1,727,094	30	640,286	11	1,086,807-	19-

DUKE ENERGY OHIO

ACCOUNT 3731 STREET LIGHTING AND SIGNAL SYSTEMS - OVERHEAD

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
78-80	68,708	18,287	27	32,769	48	14,482	21
79-81	61,486	19,398	32	30,322	49	10,923	18
80-82	77,741	21,859	28	33,561	43	11,702	15
81-83	82,612	24,101	29	23,470	28	631-	1-
82-84	105,832	34,887	33	25,717	24	9,170-	9-
83-85	123,313	34,374	28	29,418	24	4,955-	4-
84-86	145,340	35,242	24	23,532	16	11,710-	8-
85-87	126,090	27,887	22	27,048	21	839-	1-
86-88	99,366	30,982	31	25,445	26	5,537-	6-
87-89	85,055	30,874	36	33,392	39	2,518	3
88-90	111,243	27,302	25	37,497	34	10,195	9
89-91	131,052	28,276	22	43,329	33	15,054	11
90-92	181,321	28,502	16	46,389	26	17,887	10
91-93	146,865	29,879	20	35,400	24	5,521	4
92-94	176,026	32,541	18	29,886	17	2,655-	2-
93-95	196,342	39,603	20	20,631	11	18,972-	10-
94-96	217,545	38,613	18	30,538	14	8,075-	4-
95-97	166,111	23,749	14	20,383	12	3,366-	2-
96-98	118,269	14,119	12	15,539	13	1,420	1
97-99	101,641	13,811	14	2,565	3	11,247-	11-
98-00	74,975	12,282	16	984	1	11,298-	15-
99-01	374,174	35,144	9	222	0	34,922-	9-
00-02	360,542	28,321	8		0	28,321-	8-
01-03	362,330	27,648	8		0	27,648-	8-
02-04	73,198	670-	1-		0	670	1
03-05	142,969	764-	1-		0	764	1
04-06	195,414	89-	0		0	89	0
05-07	177,545	373	0		0	373-	0
06-08	160,641	485	0		0	485-	0
07-09	133,219	5,935-	4-	7-	0	5,928	4
08-10	97,626	253,881	260	7-	0	253,888-	260-
09-11	59,033	256,989	435	7-	0	256,996-	435-
10-12	49,052	288,878	589		0	288,878-	589-
11-13	36,881	28,654	78		0	28,654-	78-
12-14	157,484	92,734	59	17,492	11	75,242-	48-
13-15	262,860	67,389	26	17,492	7	49,897-	19-
14-16	300,230	67,588	23	17,492	6	50,095-	17-
FIVE-YEAR AVERAGE							
12-16	192,170	55,848	29	10,495	5	45,352-	24-

DUKE ENERGY OHIO

ACCOUNT 3732 STREET LIGHTING AND SIGNAL SYSTEMS - BOULEVARD

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1978	7,545	1,662	22	5,576	74	3,914	52
1979	101,861	3,431	3	16,816	17	13,384	13
1980	13,192	5,409	41	6,286	48	877	7
1981	49,347	2,878	6	15,775	32	12,897	26
1982	55,823	9,311	17	9,928	18	617	1
1983	32,726	7,845	24	12,953	40	5,108	16
1984	41,771	35,604	85	6,665	16	28,939-	69-
1985	19,704	3,943	20	9,530	48	5,586	28
1986	33,595	10,965	33	9,227	27	1,739-	5-
1987	21,338	10,968	51	7,443	35	3,524-	17-
1988	40,547	11,815	29	13,723	34	1,909	5
1989	155,001	16,054	10	29,731	19	13,677	9
1990	21,222	11,223	53	22,110	104	10,888	51
1991	42,207	30,046	71	28,973	69	1,074-	3-
1992	30,728	16,815	55	25,343	82	8,528	28
1993	49,998-	12,178	24-	17,412	35-	5,233	10-
1994	27,215	8,903	33	17,109	63	8,206	30
1995	46,310	10,958	24	15,462	33	4,504	10
1996	63,632	8,013-	13-	27,224	43	35,237	55
1997	22,723	719-	3-		0	719	3
1998	34,209	508	1	60	0	448-	1-
1999	30,541	4,503	15		0	4,503-	15-
2000							
2001	100,270	541	1		0	541-	1-
2002	26,461		0		0		0
2003	10,647	116	1		0	116-	1-
2004	92,555		0		0		0
2005	210,107	382-	0		0	382	0
2006	81,713	174-	0		0	174	0
2007	159,543	718	0		0	718-	0
2008	130,199	3,611	3		0	3,611-	3-
2009	150,000	2,762-	2-	4-	0	2,757	2
2010	103,181	669,612	649		0	669,612-	649-
2011	161,556	4,658	3		0	4,658-	3-
2012	44,573		0		0		0
2013	59,397		0		0		0
2014	8,271		0		0		0
2015	51,830		0		0		0
2016	48,606		0		0		0
TOTAL	2,280,149	882,226	39	297,340	13	584,885-	26-

DUKE ENERGY OHIO

ACCOUNT 3732 STREET LIGHTING AND SIGNAL SYSTEMS - BOULEVARD

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
78-80	40,866	3,501	9	9,559	23	6,059	15
79-81	54,800	3,906	7	12,959	24	9,053	17
80-82	39,454	5,866	15	10,663	27	4,797	12
81-83	45,965	6,678	15	12,885	28	6,207	14
82-84	43,440	17,587	40	9,848	23	7,738-	18-
83-85	31,400	15,797	50	9,716	31	6,082-	19-
84-86	31,690	16,838	53	8,474	27	8,364-	26-
85-87	24,879	8,625	35	8,733	35	108	0
86-88	31,826	11,249	35	10,131	32	1,118-	4-
87-89	72,295	12,946	18	16,966	23	4,020	6
88-90	72,257	13,031	18	21,855	30	8,824	12
89-91	72,810	19,108	26	26,938	37	7,830	11
90-92	31,386	19,361	62	25,475	81	6,114	19
91-93	7,645	19,680	257	23,909	313	4,229	55
92-94	2,648	12,632	477	19,955	753	7,323	276
93-95	7,843	10,680	136	16,661	212	5,981	76
94-96	45,719	3,949	9	19,932	44	15,982	35
95-97	44,222	742	2	14,229	32	13,486	30
96-98	40,188	2,741-	7-	9,095	23	11,836	29
97-99	29,158	1,431	5	20	0	1,410-	5-
98-00	21,583	1,670	8	20	0	1,650-	8-
99-01	43,604	1,681	4		0	1,681-	4-
00-02	42,244	180	0		0	180-	0
01-03	45,793	219	0		0	219-	0
02-04	43,221	39	0		0	39-	0
03-05	104,436	89-	0		0	89	0
04-06	128,125	185-	0		0	185	0
05-07	150,454	54	0		0	54-	0
06-08	123,819	1,385	1		0	1,385-	1-
07-09	146,581	522	0	1-	0	524-	0
08-10	127,793	223,487	175	1-	0	223,488-	175-
09-11	138,245	223,836	162	1-	0	223,838-	162-
10-12	103,103	224,757	218		0	224,757-	218-
11-13	88,509	1,553	2		0	1,553-	2-
12-14	37,414		0		0		0
13-15	39,833		0		0		0
14-16	36,236		0		0		0
FIVE-YEAR AVERAGE							
12-16	42,536		0		0		0

DUKE ENERGY OHIO

ACCOUNT 3733 STREET LIGHTING AND SIGNAL SYSTEMS - CUSTOMER POLES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1978	74,543	19,982	27	15,806	21	4,176-	6-
1979	71,133	19,673	28	16,787	24	2,886-	4-
1980	76,140	25,085	33	10,870	14	14,215-	19-
1981	72,487	28,908	40	15,622	22	13,286-	18-
1982	87,332	22,614	26	10,540	12	12,073-	14-
1983	101,689	30,332	30	20,915	21	9,418-	9-
1984	119,450	36,785	31	16,043	13	20,743-	17-
1985	107,194	30,994	29	15,592	15	15,402-	14-
1986	96,062	40,172	42	12,248	13	27,924-	29-
1987	103,153	45,879	44	27,176	26	18,703-	18-
1988	91,924	34,579	38	21,553	23	13,026-	14-
1989	106,844	48,080	45	29,377	27	18,703-	18-
1990	191,101	56,748	30	32,578	17	24,170-	13-
1991	136,364	71,262	52	22,509	17	48,753-	36-
1992	116,210	60,904	52	18,554	16	42,350-	36-
1993	125,699	63,468	50	13,683	11	49,785-	40-
1994	148,393	78,792	53	17,004	11	61,788-	42-
1995	138,178	62,823-	45-	72,463	52	135,287	98
1996	160,938	50,430	31	662-	0	51,092-	32-
1997	105,691	23,060	22	1,778	2	21,281-	20-
1998	145,327	38,865	27	577	0	38,288-	26-
1999	128,155	53,524	42	454	0	53,070-	41-
2000							
2001	449,411	72,142	16		0	72,142-	16-
2002	74,020		0		0		0
2003	6,304	21,784	346		0	21,784-	346-
2004	222,737	347-	0		0	347	0
2005	144,534	242-	0		0	242	0
2006	201,345	15	0		0	15-	0
2007	116,121	685	1		0	685-	1-
2008	95,911	2,508	3		0	2,508-	3-
2009	69,286	19,166	28	76-	0	19,241-	28-
2010	33,713	672,682		10-	0	672,691-	
2011	25,627	10,587	41		0	10,587-	41-
2012	18,727	20	0		0	20-	0
2013	1,312		0		0		0
2014	595		0		0		0
2015	44,903		0		0		0
2016	75,905	60	0		0	60-	0
TOTAL	4,084,458	1,616,368	40	391,379	10	1,224,989-	30-

DUKE ENERGY OHIO

ACCOUNT 3733 STREET LIGHTING AND SIGNAL SYSTEMS - CUSTOMER POLES

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
78-80	73,939	21,580	29	14,488	20	7,092-	10-
79-81	73,253	24,555	34	14,426	20	10,129-	14-
80-82	78,653	25,536	32	12,344	16	13,192-	17-
81-83	87,170	27,285	31	15,692	18	11,593-	13-
82-84	102,824	29,910	29	15,832	15	14,078-	14-
83-85	109,444	32,704	30	17,516	16	15,187-	14-
84-86	107,569	35,983	33	14,627	14	21,356-	20-
85-87	102,136	39,015	38	18,338	18	20,676-	20-
86-88	97,046	40,210	41	20,325	21	19,884-	20-
87-89	100,640	42,846	43	26,035	26	16,810-	17-
88-90	129,956	46,469	36	27,836	21	18,633-	14-
89-91	144,770	58,697	41	28,155	19	30,542-	21-
90-92	147,892	62,971	43	24,547	17	38,424-	26-
91-93	126,091	65,211	52	18,249	14	46,963-	37-
92-94	130,101	67,721	52	16,414	13	51,308-	39-
93-95	137,423	26,479	19	34,383	25	7,905	6
94-96	149,169	22,133	15	29,602	20	7,469	5
95-97	134,935	3,555	3	24,527	18	20,971	16
96-98	137,318	37,452	27	564	0	36,887-	27-
97-99	126,391	38,483	30	937	1	37,546-	30-
98-00	91,161	30,796	34	344	0	30,453-	33-
99-01	192,522	41,889	22	151	0	41,737-	22-
00-02	174,477	24,047	14		0	24,047-	14-
01-03	176,578	31,309	18		0	31,309-	18-
02-04	101,020	7,146	7		0	7,146-	7-
03-05	124,525	7,065	6		0	7,065-	6-
04-06	189,539	191-	0		0	191	0
05-07	154,000	153	0		0	153-	0
06-08	137,792	1,069	1		0	1,069-	1-
07-09	93,772	7,453	8	25-	0	7,478-	8-
08-10	66,303	231,452	349	29-	0	231,480-	349-
09-11	42,875	234,145	546	29-	0	234,173-	546-
10-12	26,022	227,763	875	3-	0	227,766-	875-
11-13	15,222	3,535	23		0	3,535-	23-
12-14	6,878	7	0		0	7-	0
13-15	15,603		0		0		0
14-16	40,468	20	0		0	20-	0
FIVE-YEAR AVERAGE							
12-16	28,288	16	0		0	16-	0

DUKE ENERGY OHIO

ACCOUNT 3734 STREET LIGHTING AND SIGNAL SYSTEMS - PUBLIC

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
2009	640		0		0		0
2010	83,589	29	0		0	29-	0
2011	181,735	7,589	4		0	7,589-	4-
2012	148,422		0		0		0
2013	59,471		0		0		0
2014	58,432	4	0		0	4-	0
2015	384,251	748	0		0	748-	0
2016	85,966	733	1		0	733-	1-
TOTAL	1,002,506	9,102	1		0	9,102-	1-

THREE-YEAR MOVING AVERAGES

09-11	88,655	2,539	3		0	2,539-	3-
10-12	137,915	2,539	2		0	2,539-	2-
11-13	129,876	2,530	2		0	2,530-	2-
12-14	88,775	1	0		0	1-	0
13-15	167,385	251	0		0	251-	0
14-16	176,216	495	0		0	495-	0

FIVE-YEAR AVERAGE

12-16	147,308	297	0		0	297-	0
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DUKE ENERGY OHIO
ACCOUNT 3900 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1978	1,717	160	9		0	160-	9-
1979	73,053	4,744	6		0	4,744-	6-
1980	9,455	4,123	44		0	4,123-	44-
1981	1,597	3,203	201		0	3,203-	201-
1982	502,939	54,651	11	75	0	54,576-	11-
1983	24,029	979	4	180	1	799-	3-
1984	4,742	6,500	137		0	6,500-	137-
1985	30,197	9,084	30		0	9,084-	30-
1986	5,897	426	7		0	426-	7-
1987	11,822	533	5		0	533-	5-
1988	74,266	348	0	5,000	7	4,652	6
1989	60,981	64,462	106		0	64,462-	106-
1990	41,008	115,785	282		0	115,785-	282-
1991	25,878	199,069	769		0	199,069-	769-
1992	59,800	20,718	35		0	20,718-	35-
1993	79,507	5,507	7		0	5,507-	7-
1994	58,228	115,089	198		0	115,089-	198-
1995	35,012	3,838	11	2,262-	6-	6,100-	17-
1996	53,708	11,113	21		0	11,113-	21-
1997	239,313	9,720	4		0	9,720-	4-
1998	116,308	94,116	81		0	94,116-	81-
1999							
2000							
2001							
2002							
2003	176,953	127,552	72		0	127,552-	72-
2004	148,266	28,559	19		0	28,559-	19-
2005	237,857	18,609	8		0	18,609-	8-
2006	80,887	18,779	23		0	18,779-	23-
2007							
2008	13,502	1,532	11		0	1,532-	11-
2009							
2010							
2011		8,134				8,134-	
2012		1,728				1,728-	
2013	116,286	294,927	254		0	294,927-	254-
2014	1,207	1,000	83		0	1,000-	83-
2015	22,058	10,251	46		0	10,251-	46-
2016	13,699	13,530	99		0	13,530-	99-
TOTAL	2,320,171	1,248,769	54	2,993	0	1,245,776-	54-

DUKE ENERGY OHIO

ACCOUNT 3900 STRUCTURES AND IMPROVEMENTS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
78-80	28,075	3,009	11		0	3,009-	11-
79-81	28,035	4,024	14		0	4,024-	14-
80-82	171,330	20,659	12	25	0	20,634-	12-
81-83	176,189	19,611	11	85	0	19,526-	11-
82-84	177,237	20,710	12	85	0	20,625-	12-
83-85	19,656	5,521	28	60	0	5,461-	28-
84-86	13,612	5,336	39		0	5,336-	39-
85-87	15,972	3,348	21		0	3,348-	21-
86-88	30,662	436	1	1,667	5	1,231	4
87-89	49,023	21,781	44	1,667	3	20,114-	41-
88-90	58,752	60,198	102	1,667	3	58,532-	100-
89-91	42,622	126,439	297		0	126,439-	297-
90-92	42,229	111,857	265		0	111,857-	265-
91-93	55,062	75,098	136		0	75,098-	136-
92-94	65,845	47,104	72		0	47,104-	72-
93-95	57,582	41,478	72	754-	1-	42,232-	73-
94-96	48,983	43,347	88	754-	2-	44,101-	90-
95-97	109,344	8,224	8	754-	1-	8,978-	8-
96-98	136,443	38,316	28		0	38,316-	28-
97-99	118,540	34,612	29		0	34,612-	29-
98-00	38,769	31,372	81		0	31,372-	81-
99-01							
00-02							
01-03	58,984	42,517	72		0	42,517-	72-
02-04	108,406	52,037	48		0	52,037-	48-
03-05	187,692	58,240	31		0	58,240-	31-
04-06	155,670	21,983	14		0	21,983-	14-
05-07	106,248	12,463	12		0	12,463-	12-
06-08	31,463	6,770	22		0	6,770-	22-
07-09	4,501	511	11		0	511-	11-
08-10	4,501	511	11		0	511-	11-
09-11		2,711				2,711-	
10-12		3,287				3,287-	
11-13	38,762	101,597	262		0	101,597-	262-
12-14	39,164	99,218	253		0	99,218-	253-
13-15	46,517	102,059	219		0	102,059-	219-
14-16	12,321	8,260	67		0	8,260-	67-
FIVE-YEAR AVERAGE							
12-16	30,650	64,287	210		0	64,287-	210-

DUKE ENERGY OHIO

ACCOUNT 3920 TRANSPORTATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1992	2,915,429	850	0	395,864	14	395,014	14
1993	1,061,380	678	0	190,305	18	189,627	18
1994	807,645	1,393	0	93,035	12	91,642	11
1995	1,451,811	17,297	1	177,361	12	160,064	11
1996	636,851	69,984-	11-	1,425	0	71,409	11
1997	1,718,034	157,446-	9-	20,323	1	177,769	10
1998							
1999	2,755,092	219,455-	8-		0	219,455	8
2000							
2001	7,304,157	129,119-	2-	616,698	8	745,817	10
2002	3,429,972	4,475	0	449,859	13	445,385	13
2003	2,544,484	30,801-	1-	188,662	7	219,463	9
2004	1,264,384	18,285-	1-	65,808	5	84,092	7
2005	293,646	19,891-	7-	16,530	6	36,421	12
2006	521,681		0	21,948	4	21,948	4
2007							
2008							
2009							
2010							
2011		2,751-		1,454		4,205	
2012							
2013							
2014							
2015							
2016	1,140,176		0		0		0
TOTAL	27,844,742	623,040-	2-	2,239,271	8	2,862,311	10

THREE-YEAR MOVING AVERAGES

92-94	1,594,818	974	0	226,401	14	225,427	14
93-95	1,106,945	6,456	1	153,567	14	147,111	13
94-96	965,436	17,098-	2-	90,607	9	107,705	11
95-97	1,268,899	70,045-	6-	66,370	5	136,414	11
96-98	784,962	75,810-	10-	7,249	1	83,060	11
97-99	1,491,042	125,634-	8-	6,774	0	132,408	9
98-00	918,364	73,152-	8-		0	73,152	8
99-01	3,353,083	116,191-	3-	205,566	6	321,757	10
00-02	3,578,043	41,548-	1-	355,519	10	397,067	11
01-03	4,426,204	51,815-	1-	418,406	9	470,222	11
02-04	2,412,947	14,871-	1-	234,776	10	249,647	10
03-05	1,367,505	22,992-	2-	90,333	7	113,326	8
04-06	693,237	12,725-	2-	34,762	5	47,487	7

DUKE ENERGY OHIO

ACCOUNT 3920 TRANSPORTATION EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
05-07	271,776	6,630-	2-	12,826	5	19,456	7
06-08	173,894		0	7,316	4	7,316	4
07-09							
08-10							
09-11		917-		485		1,402	
10-12		917-		485		1,402	
11-13		917-		485		1,402	
12-14							
13-15							
14-16	380,059		0		0		0
FIVE-YEAR AVERAGE							
12-16	228,035		0		0		0

DUKE ENERGY OHIO

ACCOUNTS 1921 AND 3921 TRANSPORTATION EQUIPMENT - TRAILERS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1978	14,268		0	5,668	40	5,668	40
1979	42,866	455	1	3,093	7	2,638	6
1980	17,030	12	0	5,108	30	5,096	30
1981	18,570	103	1	2,663	14	2,560	14
1982	74,337	546	1	22,221	30	21,676	29
1983	44,110	284	1	15,536	35	15,252	35
1984	5,353	80	1	2,635	49	2,555	48
1985	11,831		0	8,602	73	8,602	73
1986	18,311	54	0	1,545	8	1,491	8
1987	27,958	169	1	11,995	43	11,826	42
1988	31,058	82	0	6,101	20	6,019	19
1989	56,818	499	1	9,711	17	9,213	16
1990	23,446	386	2	3,705	16	3,319	14
1991	47,116		0	15,060	32	15,060	32
1992	105,638	425	0	32,552	31	32,127	30
1993	128,423	236	0	17,830	14	17,594	14
1994	78,698	961	1	15,077	19	14,116	18
1995	61,467	531	1	5,222	8	4,692	8
1996							
1997	72,495		0		0		0
1998	75,881	2,530-	3-		0	2,530	3
1999	37,518	11,140-	30-		0	11,140	30
2000							
2001	123,252	5,144-	4-	2,475	2	7,619	6
2002	101,138		0	11,475	11	11,475	11
2003	180,011	4,420-	2-	27,430	15	31,850	18
2004	218,278		0	4,785	2	4,785	2
2005	64,759	5,106-	8-	4,740	7	9,846	15
2006	4,111		0		0		0
2007							
2008							
2009							
2010							
2011	6,899		0	2,660	39	2,660	39
2012	2,537		0		0		0
2013	38,802	458-	1-		0	458	1
2014							
2015							
2016	514,151		0		0		0
TOTAL	2,247,129	23,977-	1-	237,889	11	261,865	12

DUKE ENERGY OHIO

ACCOUNTS 1921 AND 3921 TRANSPORTATION EQUIPMENT - TRAILERS

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
78-80	24,722	156	1	4,623	19	4,467	18
79-81	26,156	190	1	3,621	14	3,431	13
80-82	36,646	220	1	9,997	27	9,777	27
81-83	45,672	311	1	13,473	30	13,163	29
82-84	41,267	303	1	13,464	33	13,161	32
83-85	20,431	121	1	8,924	44	8,803	43
84-86	11,832	45	0	4,261	36	4,216	36
85-87	19,367	74	0	7,381	38	7,306	38
86-88	25,776	102	0	6,547	25	6,445	25
87-89	38,611	250	1	9,269	24	9,019	23
88-90	37,107	322	1	6,506	18	6,184	17
89-91	42,460	295	1	9,492	22	9,197	22
90-92	58,733	270	0	17,106	29	16,835	29
91-93	93,725	220	0	21,814	23	21,594	23
92-94	104,253	541	1	21,820	21	21,279	20
93-95	89,529	576	1	12,710	14	12,134	14
94-96	46,722	497	1	6,766	14	6,269	13
95-97	44,654	177	0	1,741	4	1,564	4
96-98	49,459	843-	2-		0	843	2
97-99	61,964	4,557-	7-		0	4,557	7
98-00	37,800	4,557-	12-		0	4,557	12
99-01	53,590	5,428-	10-	825	2	6,253	12
00-02	74,796	1,715-	2-	4,650	6	6,365	9
01-03	134,800	3,188-	2-	13,793	10	16,981	13
02-04	166,476	1,473-	1-	14,563	9	16,037	10
03-05	154,349	3,175-	2-	12,318	8	15,494	10
04-06	95,716	1,702-	2-	3,175	3	4,877	5
05-07	22,957	1,702-	7-	1,580	7	3,282	14
06-08	1,370		0		0		0
07-09							
08-10							
09-11	2,300		0	887	39	887	39
10-12	3,145		0	887	28	887	28
11-13	16,079	153-	1-	887	6	1,039	6
12-14	13,780	153-	1-		0	153	1
13-15	12,934	153-	1-		0	153	1
14-16	171,384		0		0		0

FIVE-YEAR AVERAGE

12-16	111,098	92-	0		0	92	0
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DUKE ENERGY OHIO

ACCOUNTS 1960 AND 3960 POWER OPERATED EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
1992	392,326	560	0	172,725	44	172,165	44
1993	160,348	449	0	38,745	24	38,296	24
1994	261,504	912	0	63,785	24	62,873	24
1995	169,102	291	0	31,864	19	31,573	19
1996							
1997	50,664	22,184-	44-		0	22,184	44
1998							
1999	102,930	39,524-	38-		0	39,524	38
2000							
2001	385,354	14,275-	4-	42,577	11	56,851	15
2002	35,454		0	9,572	27	9,572	27
2003	578,804	38,817-	7-	82,298	14	121,114	21
2004	328,873		0		0		0
2005	90,083		0	20,410	23	20,410	23
2006	105,642		0	43,361	41	43,361	41
2007							
2008							
2009							
2010							
2011		6,164-				6,164	
2012							
2013							
2014							
2015							
2016	1,130,357		0		0		0
TOTAL	3,791,439	118,751-	3-	505,335	13	624,087	16

THREE-YEAR MOVING AVERAGES

92-94	271,393	640	0	91,752	34	91,111	34
93-95	196,985	551	0	44,798	23	44,247	22
94-96	143,535	401	0	31,883	22	31,482	22
95-97	73,255	7,298-	10-	10,621	14	17,919	24
96-98	16,888	7,395-	44-		0	7,395	44
97-99	51,198	20,569-	40-		0	20,569	40
98-00	34,310	13,175-	38-		0	13,175	38
99-01	162,761	17,933-	11-	14,192	9	32,125	20
00-02	140,269	4,758-	3-	17,383	12	22,141	16
01-03	333,204	17,697-	5-	44,815	13	62,512	19
02-04	314,377	12,939-	4-	30,623	10	43,562	14
03-05	332,587	12,939-	4-	34,236	10	47,175	14
04-06	174,866		0	21,257	12	21,257	12

DUKE ENERGY OHIO
ACCOUNTS 1960 AND 3960 POWER OPERATED EQUIPMENT

SUMMARY OF BOOK SALVAGE

YEAR	REGULAR RETIREMENTS	COST OF REMOVAL AMOUNT	PCT	GROSS SALVAGE AMOUNT	PCT	NET SALVAGE AMOUNT	PCT
THREE-YEAR MOVING AVERAGES							
05-07	65,242		0	21,257	33	21,257	33
06-08	35,214		0	14,454	41	14,454	41
07-09							
08-10							
09-11		2,055-				2,055	
10-12		2,055-				2,055	
11-13		2,055-				2,055	
12-14							
13-15							
14-16	376,786		0		0		0
FIVE-YEAR AVERAGE							
12-16	226,071		0		0		0