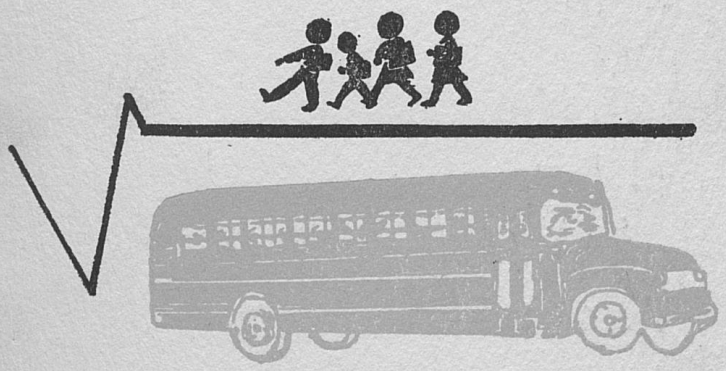
Commonwealth of Kentucky

EDUCATIONAL BULLETIN

A PROPOSED TRANSPORTATION FORMULA



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Superintendent of Public Instruction

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A PROPOSED TRANSPORTATION FORMULA FOR KENTUCKY

FOREWORD

This educational bulletin is the result of the combined thinking of approximately thirty school administrators who were appointed to study the financial needs of pupil transportation in Kentucky and develop an improved method of distributing financial aid to local school districts operating transportation programs. Represented on this transportation formula committee were twenty-one local school superintendents, J. Marvin Dodson, Executive Secretary of the Kentucky Education Association; four staff members from the Department of Education, and the Superintendent of Public Instruction as Chairman. In addition to these members, Dr. R. L. Johns, University of Florida, served as consultant to the committee. Most of the research and compilation of materials in this study were carried out under the direction of John L. Vickers, Director of the Division of Pupil Transportation, and Mr. Dodson, who preceded Mr. Vickers as Director of Pupil Transportation. Everyone who has given so freely of his time and contributed in any way to the development of this proposed transportation formula is to be commended.

It should be pointed out that the original plan was to distribute the report in its several component parts; however, it was subsequently decided by the committee to combine the entire report in a single document.

Inasmuch as this study was begun in July 1956, it has permitted the committee to gather statistical data for a two years' period; therefore, calculations are included for the two school years of 1956-57 and 1957-58. This will enable each local district superintendent to compare the allotments of these two years of the proposed formula with the same two years under the present method of distributing financial aid.

You will be interested to know the committee unanimously approved the report with the expression that it appears to be far superior to the formula presently in use. At the last committee meeting recently held in the Department of Education, it was suggested that the report be distributed to all local school superintendents for their study and reaction. Before the proposed formula, which costs approximately $1,000,000 more than the present one, can be put in effect, it will necessarily have to be approved by the General Assembly of Kentucky.

Robert R. Martin
Superintendent of Public Instruction

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A PROPOSED TRANSPORTATION FORMULA TO PROVIDE FINANCIAL AID TO LOCAL SCHOOL DISTRICTS THAT OPERATE A PUPIL TRANSPORTATION PROGRAM

PRESENT STATUS OF PUPIL TRANSPORTATION IN KENTUCKY

Currently 169 school districts operate pupil transportation programs. One hundred twenty of these are county districts while 49 are operated by independent units. Almost 280,000 pupils are transported daily in 3,455 buses. Of this number approximately 270,000 are transported by county systems, while only approximately 10,000 are served by independent districts. This results in approximately 96% of the pupils being transported by county school districts. Also, 3,377 of the 3,455 vehicles employed to transport the pupils are operated by county systems.

The county operated buses travel a total of 178,783 miles daily while the 78 buses operated by the independent districts travel only 2,824 miles each day. This service is provided at a cost of $7,474,718 including cost of capital outlay. Of this amount $7,266,303 was at the expense of the county districts. The average per pupil cost for the county systems was $27.11; whereas, the independent districts spent an average of $22.29 for each child transported. Percentage wise, the county districts spent for transportation 13.5% of their total budgets; however, the independent systems spent only .97% of their budgets which would apppear negligible. It should be remembered, however, that approximately one-half of the independent districts have no cost for pupil transportation.

WHY KENTUCKY NEEDS A NEW METHOD FOR DISTRIBUTING TRANSPORTATION AID

When the present Foundation Program Law was enacted in 1954, sufficient time did not permit those who were assigned the responsibility to make a thorough and complete study of pupil transportation to develop a sound method of financing this area of the Foundation Program. Thus, it became necessary to adopt a plan of assisting the local districts based upon the best information available at the time. Accordingly, the formula now in effect was

enacted into law by the General Assembly of 1954. Essentially, the formula is based upon the number of pupils transported who live a mile or more from school and the area served, and at the same time taking into consideration the road conditions. While this method of distributing financial aid to school districts operating transportation programs has considerable merit, it has resulted in an unequal distribution of money to several districts. During the three years the plan has been in effect, it seems to favor the independent districts; whereas, many county districts operate their programs at a deficit brought about in some instances by conditions beyond their control. Some school administrators have objected to the present method, charging that it does not adequately take into consideration sparsity of pupil population, road conditions, topography, and area served. It is recognized that Kentucky does present a wide variation in these aspects—perhaps more so than most of the states.

Whereas a substantial number of districts are penalized by the formula now used, there are others that receive three or four times the amount that is actually spent for the service. This creates an undesirable attitude among the educational leaders of the school districts throughout Kentucky. To illustrate the obvious inequities of this formula, one independent district spends only $1,720 for transportation but receives in state aid $6,880 or four times as much. On the other hand, 97 of the 120 counties spend in excess the amount of money alloted for transportation. It is the opinion of most authorities in school finance that the total amount of aid received by the combined school districts should approximate the cost of the total transportation program. This does not mean, however, that each district would or should receive an amount equal to the cost of the service, but instead the most efficiently operated systems would receive an amount in excess of the cost while the less efficient programs would be required to bear a portion of its cost depending, of course, on the degree of efficiency under which the program was administered. This philosophy is predicated on the idea that the low cost efficient programs would have some funds available to improve its services while the more expensive systems would be expected to make a careful analysis of their programs for the purpose of reducing costs to bring them in line with the more efficiently operated ones. If such a plan for financing transportation could be developed, it should result in Kentucky's having one of the most economical, efficient, and safest systems of pupil transportation in the nation. Several of the states are working toward such a plan with the idea of ultimately reaching this objective.

A PROPOSED FORMULA

During the legislative session of 1954 when the present transportation formula was placed on the statute books, the members of the General Assembly, realizing the weakness of the formula, directed the Legislative Research Commission to conduct a study of pupil transportation in Kentucky and report its findings to this body of lawmakers on or before January 1, 1956. Such a study was conducted during this interim; however, it was not completed by the time of the 1956 meeting of the General Assembly; therefore, no recommendations were made.

TRANSPORTATION FORMULA COMMITTEE

Following the 1956 legislative session, the Superintendent of Public Instruction assured the Governor, school administrators, and others interested in public education that a study of pupil transportation would be made before the next session of the General Assembly and a plan for financing this area of the public school program would be developed and presented to the assembly for approval. Although considerable amount of research and study of pupil transportation was made by staff members of the Department of Education following adjournment of the 1956 session of the legislature, it was not until sometime in July 1956 that the Superintendent of Public Instruction appointed a Transportation Formula Committee of the Advisory Council on Public Education in Kentucky. This committee composed of twenty-one local school superintendents representing all sections of the state, the executive secretary of the K.E.A., and four staff members from the Department of Education held its first meeting Monday, July 30, 1956. Plans were formulated and the machinery was set in motion at this meeting for the development of a satisfactory plan to adequately and fairly distribute aid to local school districts operating pupil transportation programs. Subsequently, the committee and sub-committees have met on several occasions for the purpose of bringing together information bearing on the subject, and to discuss pertinent problems concerning the area of the program under consideration. The suggestions and ideas of each member of the committee have been most valuable in reaching the objectives as outlined in the study. As a result of this united effort, an exhaustive study has been conducted in the field of pupil transportation. Programs of other states have been studied, information has been gathered through questionnaires, recognized authorities in the field of pupil transportation have been consulted, and every effort has been made to explore any possibility that might enable the committee to

collect as much information as possible to assist it in arriving on a plan for which Kentucky can be proud.

FACTORS USED IN CALCULATIONS

It is generally recognized that many factors affect the cost of pupil transportation. Numerous studies have been made by members of the teaching profession during the last two decades in an attempt to determine the factors that affect the cost of pupil transportation and particularly those that should be considered in arriving at a method of giving adequate financial aid to local school districts. Some of these studies have been good and others were soon discarded. One of the outstanding authorities on pupil transportation in the United States has said if all factors affecting the cost of pupil transportation were combined in one formula to distribute aid to the local districts, it would be so complicated as to be impractical to apply. For this reason most studies made in recent years have been directed toward the development of a formula of the more simple design. Although many of the formulas now in use are to some extent unsatisfactory, they are being used until a better one is developed. It has been conclusively determined that there are definite relationships between certain factors and cost. An example would be the density of pupils transported and cost; another one would be road conditions and cost of operation. The committee has run several calculations, taking into consideration those factors that are known to have considerable effect on cost; moreover, the relationships of the factors to the cost were studied and observed so that more intelligent decisions could be made. Information obtained from the study has disclosed that the number of pupils transported per square mile of area served was very closely correlated with the per pupil cost of transportation; therefore, the committee unanimously agreed to use as primary factors in calculating the needs of local school districts operating transportation programs **the number of transported pupils in average daily attendance, area in square miles served,** and **cost per pupils per day transported.** Thus, it may be stated: Pupil density based on area of square miles served and cost per pupil per day transported as factors to be used in determining allotments to local school districts.

Dr. R. L. Johns, Head of the Department of Educational Administration, College of Education, University of Florida, served as consultant to the committee. Dr. Johns, recognized as one of the foremost authorities in the United States on school finance, gave of his time, knowledge, and experience to the committee in its deliberations and final decisions. He was very high in his praise of the com-

mittee's accomplishments and endorsed the proposed formula with the statement that in his opinion it is potentially one of the best plans for financing pupil transportation of any now in existance. The committee is greatly indebted to Dr. Johns for his valuable assistance in its efforts to develop an adequate plan for distributing financial aid to school districts for pupil transportation.

Upon examining the study of the committee, Dr. Edgar L. Morphet, Professor of Education, University of California, and also an authority on school finance, made the following statement:

> "It seems to me this formula should be an improvement over the previous one which was handicapped by even more limited information that was available for your current study. The factors you have considered are undoubtedly the basic factors and I anticipate that the formula should work out reasonably well in most situations. After you have checked the situation further, you may find some few adjustments that need to be made. If there are any major difficulties or adjustments, I would be interested in learning about further steps you take.
>
> "I am glad Dr. Johns was able to work with you folks. He has written me that he thought you had done an excellent job."

These very favorable comments by such outstanding authorities in the field of school finance are most gratifying to the members of the committee.

DESCRIPTION OF FORMULA AND RESULTS

Certain statistical information about each county and independent district was necessary in completing the calculations based on the factors previously mentioned. First the transported pupil density was determined for each district and arranged from the lowest density to the highest. To arrive at this figure, the number of transported pupils in average daily attendance is divided by the number of square miles of area served. In determining the cost per pupil per day it was necessary to determine the total cost of transportation service including depreciation of buses for the last year of operation. Although the length of life of a school bus in Kentucky varies somewhat, the most recent surveys indicated that the average bus is operated approximately eight years. Size of the vehicle also varies considerable—ranging from 24 to 66 passengers. Also, the cost of buses has fluctuated a great deal during the past ten years. With the information available, the committee adopted the following procedure in determining the rate and amount for depreciation: The average bus used in Kentucky is a 48 passenger vehicle costing $3,800 and is operated for a period of eight years. Obviously the depreciation figure for each vehicle is $475, which is

multiplied by the number of vehicles and the amount added to the cost of operation. The next step is to divide this total cost by the average number of transported pupils with the resulting figure being the cost per transported pupil per year. To arrive at the cost per transported pupil per day, the annual cost of the transported pupil is divided by the number of days the district was in session. Now that the figures for pupil density and cost per transported pupil per day have been determined for each district, the next step is to calculate the adjusted cost per pupil per day transported for each district. This is done by constructing a smoothed graph of costs for at least nine density groups. In the 120 county districts the density range is from 1.33 to 64.65. By grouping these 120 counties into nine or more comparable groups, obtaining the average density of each group, they can be plotted on a graph by using the "Y" axis as the cost per day per pupil and the "X" axis as the density of pupils per square miles of area served. After these nine or more points have been established on a graph, a smoothed curve can be constructed that best fits the average of the density groups selected. This graph is used to construct a scale showing the average costs of transportation for districts having a similar density of transported pupils. For instance, all districts with a pupil density of 2.5 would receive the same amount per transported pupil.

Inasmuch as the Foundation Program Law requires every district to have at least a nine months school, it is necessary that all costs and allotments be adjusted on a 172 day school term. (The final allotment to the district will, however, be based on the actual number of days taught.) This is determined by multiplying the average daily attendance of transported pupils by 172 days. Thus, by multiplying the cost per pupil per day by the aggregate days of attendance based on 172 days the result is the total annual cost of transportation. By the same token the transportation allotment may be determined by multiplying the adjusted cost per pupil per day as shown on the graph times the aggregate days of attendance based on a 172 day school term.

Below is an example showing in detail how the formula is applied. The figures were taken from an average county school district.

Information provided by the local superintendent.
Aggregate days of transported pupils 1955-56 **267,112**
Number days taught in 1955-56 **173**
Area of district served by transportation **385.78** sq. mi.
Cost of bus operation 1955-56 **$45,767.99**
No. publicly owned buses operated, 12 capacity or larger **28**

PROBLEM: To determine allotment for school district

To Find Pupil Density:

267,112 (Aggregate days of transported pupils) ÷ 173 (Days taught) = 1,544 A. D. A. transported

1,544 ÷ 385.78 (Square miles served) = 4.0 Pupil density

To Find Cost Per Pupil Per Day:

Average cost of buses when purchased **$3,800**

Average life of a bus in Kentucky **8 years**

$3,800 ÷ 8 = $475 Annual depreciation per bus

$475 X 28 (Number of vehicles operated) = $13,300 Total depreciation

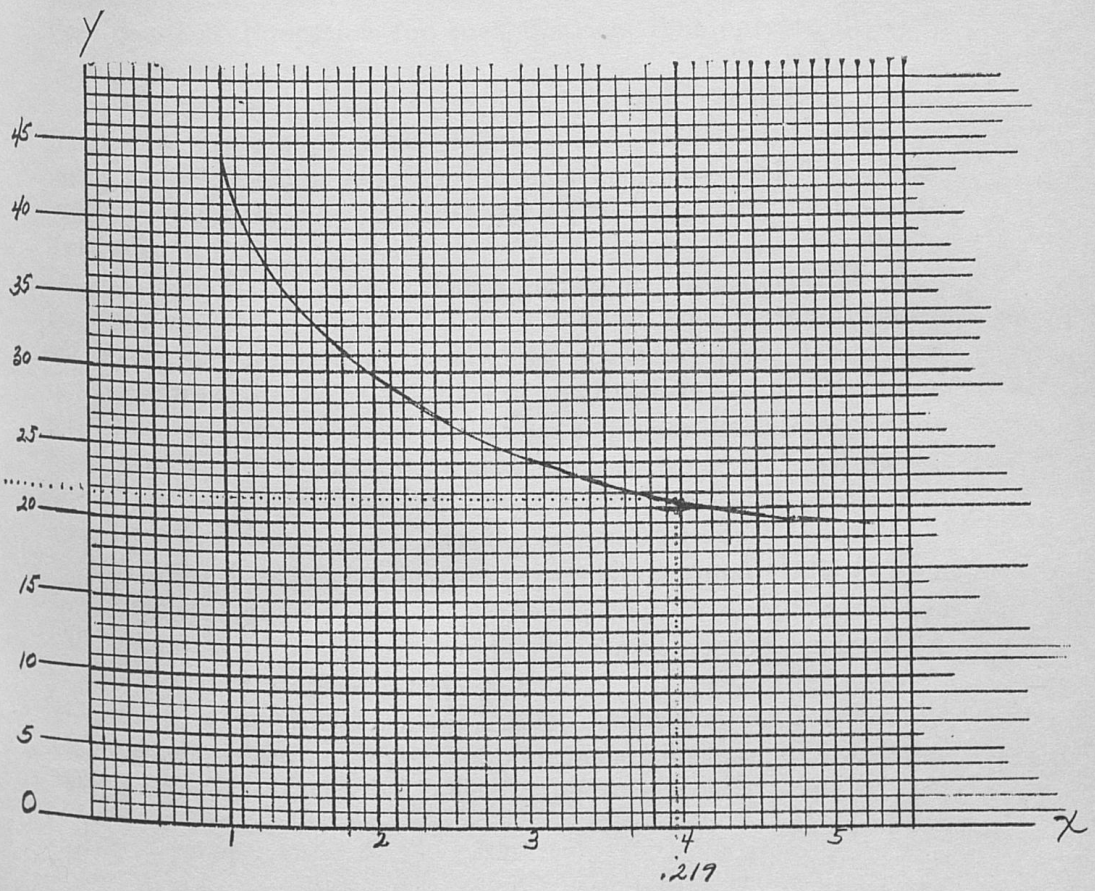
$45,767.99 (Cost of operation) + $13,300 = $59,067.99 Total cost of transportation

$59,067.99 ÷ 1,544 (ADA transported) = $38.26 Cost per pupil per year.

$38.26 ÷ 173 (Days taught) = 22¢ Cost per pupil per day

To Find the Adjusted Cost Per Pupil Per Day:

Locate the pupil density of 4.0 on the "X" axis of the chart where the curve has been constructed. By reading the scale on the "X" and "Y" axes where a vertical line intersects the line of the curve on the chart, it shows an adjusted cost of .219 per pupil per day. See chart below.



To Determine Allotment Based on 172 Days (No. of days used for all districts):

1,544 (ADA transported) X 172 days=265,568 Aggregate days transported on 172 days

265,568 X .219 (Adjusted cost per pupil per day)=$58,159.39 Total allotment to district

Tables I-A and I-B herein attached are calculations of county and independent districts showing the allotments that each district would have received during the two school years of 1956-57 and 1957-58 under the proposed formula.

AN ACT RELATING TO PUPIL TRANSPORTATION

Be it enacted by the General Assembly of the Commonwealth of Kentucky:

Section 1. That KRS Section 157.320, Paragraph 15, is repealed.

Section 2. That KRS Section 157.370 be amended to read as follows:

(1) In determining the cost of the Foundation Program for each district, the Superintendent of Public Instruction shall determine the average cost per pupil per day of transporting pupils in districts having a similar density of transported pupils per square mile of area served by not less than nine different density groups.

(2) The annual cost of transportation shall include all current costs for each district plus annual depreciation of pupil transportation vehicles calculated in accordance with the regulations of the State Board of Education for such districts that operate district-owned vehicles.

(3) The aggregate and average daily attendance of transported pupils shall include all public school pupils transported at public expense who live one mile or more from school, provided that handicapped children may be included who live less than this distance from school.

(4) The square miles of area served by transportation shall be determined by subtracting from the total area in square miles of the district the area not served by transportation, determined in accordance with the regulations of the State Board of Education provided that if one district authorizes another district to provide transportation for a part of its area, such area served shall be deducted from the area served by that district and added to the area served by the district providing the transportation.

(5) The density of transported pupils per square mile of area served for each district shall be determined by dividing the average daily attendance of transported pupils by the number of square miles of area served by transportation.

(6) The Superintendent of Public Instruction shall determine the average cost per pupil per day of transporting pupils in districts having a similar density by constructing a smoothed graph of cost

for all density groups as provided in paragraph one. This graph shall be used to construct a scale showing the average costs of transportation for districts having a similar density of transported pupils. Such costs shall be determined separately for county school districts and independent school districts, provided that no independent school district will receive an average cost per pupil per day in excess of the minimum received by any county district or districts. These costs shall be the cost per pupil per day of transported pupils included in the Foundation Program and such costs shall be re-calculated each biennium.

(7) The scale of transportation costs included in the Foundation Program for county districts determined in accordance with the provisions of this act for the biennium beginning July 1, 1958, is as follows: Counties with a density of 1.33 and less of transported pupils per sqaure mile of area served, thirty-five cents; a density of 1.63, thirty-two and six-tenths cents; a density of 2.0, thirty and three-tenths cents; a density of 2.56, twenty-seven and two-tenths cents; a density of 2.8, twenty-six cents; a density of 3.16, twenty-four and five-tenths cents; a density of 3.51, twenty-three and one tenth cents; a density of 3.86, twenty-two and one-tenth cents; a density of 4.43, twenty-one and one-tenth cents; a density of 4.82, twenty and one-tenth cents; a density of 5.34, nineteen and one-tenth cents; a density of 5.95, eighteen cents; a density of 6.64, seventeen cents; a density of 7.36, sixteen cents; a density of 8.39, fifteen cents; a density of 9.50 and above, fourteen cents provided that the Superintendent of Public Instruction shall determine proportionately by graphing the Foundation Program costs of transportation for counties having densities between the points on this scale.

(8) The scale of transportation costs included in the Foundation Program for independent districts determined in accordance with the provisions of this act for the biennium beginning July 1, 1958, is as follows: Independent districts with a density of 19.5 and less of transported pupils per square mile of area served, fourteen cents; a density of 19.6, thirteen and nine-tenths cents; a density of 22.52, twelve and six-tenth cents; a density of 25.88, eleven and four-tenths cents; a density of 30.26, ten and five-tenths cents; a density of 38.40, nine and five-tenths cents; a density of 40.97, nine and three-tenths cents; a density of 43.4, nine and one-tenth cents; a density of 43.5 and above, nine cents provided that the Superintendent of Public Instruction shall determine proportionately by graphing the Foundation Program costs of transportation for independent districts having densities between the points on this scale.

Section 3. That KRS Section 157.390, Paragraph 5, be repealed and re-enacted to read as follows:

(5) The amount to be included in the Foundation Program of each district for transportation shall be determined by multiplying the aggregate attendance of transported children by the allowable cost per pupil per day for that district determined in accordance with the provisions of this act.

PREDICTED COST TABLE FOR COUNTY DISTRICTS

Density	Cost	Density	Cost
1.33	.350	5.4	.191
1.4	.345	5.5	.189
1.5	.337	5.6	.186
1.6	.328	5.7	.185
1.7	.322	5.8	.183
1.8	.316	5.9	.181
1.9	.310	6.0	.179
2.0	.303	6.1	.177
2.1	.297	6.2	.176
2.2	.292	6.3	.175
2.3	.286	6.4	.173
2.4	.280	6.5	.172
2.5	.275	6.6	.171
2.6	.270	6.7	.169
2.7	.265	6.8	.168
2.8	.260	6.9	.167
2.9	.256	7.0	.166
3.0	.252	7.1	.164
3.1	.248	7.2	.162
3.2	.244	7.3	.161
3.3	.240	7.4	.160
3.4	.236	7.5	.158
3.5	.232	7.6	.157
3.6	.228	7.7	.156
3.7	.225	7.8	.155
3.8	.223	7.9	.153
3.9	.221	8.0	.152
4.0	.219	8.1	.152
4.1	.217	8.2	.151
4.2	.214	8.3	.150
4.3	.212	8.4	.149
4.4	.210	8.5	.148
4.5	.208	8.6	.147
4.6	.206	8.7	.146
4.7	.204	8.8	.145
4.8	.202	8.9	.144
4.9	.200	9.0	.143
5.0	.198	9.1	.142
5.1	.196	9.2	.142
5.2	.195	9.3	.141
5.3	.192	9.4	.141
		9.5 and above	.140

PREDICTED COST TABLE FOR INDEPENDENT DISTRICTS

Density	Cost	Density	Cost
19.5 and less	.140	27.6	.110
19.6	.139	27.8	.109
19.8	.138	28.0	.109
20.0	.137	28.2	.108
20.2	.136	28.4	.108
20.4	.135	28.6	.108
20.6	.134	28.8	.107
20.8	.133	29.0	.107
21.0	.132	29.2	.107
21.2	.131	29.4	.106
21.4	.130	29.6	.106
21.6	.129	29.8	.106
21.8	.128	30.0	.105
22.0	.127	30.4	.105
22.2	.126	31.0	.105
22.4	.126	31.4	.104
22.6	.125	32.0	.103
22.8	.124	32.4	.102
23.0	.123	33.0	.102
23.2	.123	33.4	.101
23.4	.122	34.0	.100
23.6	.122	34.4	.100
23.8	.121	35.0	.099
24.0	.120	35.4	.099
24.2	.120	36.0	.098
24.4	.119	36.4	.097
24.6	.118	37.0	.096
24.8	.117	37.4	.096
25.0	.117	38.0	.096
25.2	.116	38.4	.095
25.4	.115	39.0	.095
25.6	.115	39.4	.095
25.8	.114	40.0	.094
26.0	.114	40.4	.094
26.2	.113	41.0	.093
26.4	.113	41.4	.093
26.6	.112	42.0	.092
26.8	.112	42.4	.092
27.0	.111	43.0	.091
27.2	.111	43.4	.091
27.4	.110	43.5 and above	.090

PUPIL TRANSPORTATION IN KENTUCKY
PROPOSED FORMULA

County Districts — **Table I-A** — **July 1957**

Statistical data used in determining the allotment that each county district operating a transportation program would have received for the school year 1956-57 under the proposed formula. The number of transported pupils in average daily attendance, area in square miles served, and cost per pupil per day transported are primary factors considered.

	1	2	3	4	5	6	7	8	9
Districts	Pupil Density	A.D.A. Trans.	1955-56 Bus. Opr. Cost + 1/8 Depreciation	Cost per Pupil per Day	Adjusted Cost per Pupil per Day (by chart)	A.D.A. Trans. on 172 Days	Agg. Days Trans. x Cost per Pupil per Day	Agg. Days Trans. x Adj. Cost per Pupil per Day	Difference Col. 8-7
Clay	1.33	463	$ 28,842.79	.37	.350	79,636	$ 29,465.32	$ 27,872.60	-$ 1,592.72
Clinton	1.63	264	16,099.89	.35	.326	45,408	15,892.80	14,803.01	- 1,089.79
Cumberland	2.56	637	30,592.66	.30	.272	109,564	32,869.20	29,801.41	- 3,067.79
Grayson	2.58	1182	44,000.37	.22	.271	203,304	44,726.88	55,095.38	+ 10,368.50
Casey	2.59	988	46,022.15	.27	.270	169,936	45,882.72	45,882.72	.....
Monroe	2.80	896	46,526.10	.33	.260	154,112	50,856.96	40,069.12	- 10,787.84
Crittenden	3.16	1124	45,585.46	.24	.245	193,328	46,398.72	47,365.36	+ 966.64
Butler	3.27	1412	55,075.22	.24	.241	242,864	58,287.36	58,530.22	+ 242.86
Webster	3.28	1087	44,870.69	.24	.240	186,964	44,871.36	44,871.36	.....
Livingston	3.29	1043	54,181.51	.30	.239	179,396	53,818.80	42,875.64	- 10,943.16
Wolfe	3.29	639	22,515.42	.20	.239	109,908	21,981.60	26,268.01	+ 4,286.41
Wayne	3.51	1060	33,016.46	.20	.231	182,320	38,464.00	42,115.92	+ 5,651.92
Robertson	3.60	364	14,371.60	.23	.228	62,608	14,399.84	14,274.62	- 125.22
Breckinridge	3.69	1823	65,775.00	.21	.225	313,556	65,846.76	70,550.10	+ 4,703.34
Owen	3.76	1308	54,537.27	.26	.224	224,976	58,493.76	50,394.62	- 8,099.14
Taylor	3.78	938	37,173.80	.23	.223	161,336	37,107.28	35,977.93	- 1,129.35
Lyon	3.79	847	30,878.89	.21	.223	145,684	30,593.64	32,487.53	+ 1,893.89
Metcalfe	3.86	1071	36,752.26	.21	.221	184,212	38,684.52	40,710.85	+ 2,026.33
Allen	3.87	1387	65,216.50	.27	.221	238,564	64,412.28	52,722.64	- 11,689.64
Caldwell	3.95	1307	40,465.67	.18	.220	224,804	40,464.72	49,456.88	+ 8,992.16
Hickman	3.99	870	37,386.17	.25	.219	149,640	37,410.00	32,771.16	- 4,638.84
Trigg	4.00	1544	59,067.99	.22	.219	265,568	58,424.96	58,159.39	- 265.57
Spencer	4.20	810	29,413.27	.24	.214	139,320	33,436.80	29,814.48	- 3,622.32
Adair	4.22	1546	52,636.40	.20	.214	265,912	53,182.40	56,905.17	+ 3,722.77
Estill	4.22	921	24,520.65	.15	.214	158,412	23,761.80	33,900.17	+ 10,138.37
Hancock	4.22	789	32,270.30	.24	.214	135,708	32,569.92	29,041.51	- 3,528.41
Carlisle	4.29	686	25,350.75	.21	.211	117,992	24,778.32	24,896.31	+ 117.99
Nicholas	4.29	837	36,105.26	.25	.211	143,964	35,991.00	30,376.40	- 5,614.60
Ohio	4.37	2517	78,827.04	.18	.210	432,924	77,926.32	90,914.04	+ 12,987.72

Districts	1 Pupil Density	2 A.D.A. Trans.	3 1955-56 Bus. Opr. Cost + 1/8 Depreciation	4 Cost per Pupil per Day	5 Adjusted Cost per Pupil per Day (by chart)	6 A.D.A. Trans. on 172 Days	7 Agg. Days Trans. x Cost per Pupil per Day	8 Agg. Days Trans. x Adj. Cost per Pupil per Day	9 Difference Col. 8–7
Green	4.43	1211	$ 51,800.17	.24	.208	208,292	$ 49,990.08	$ 43,324.74	-$ 6,665.34
Logan	4.43	2452	93,077.42	.22	.208	421,744	92,783.68	87,722.75	– 5,060.93
Union	4.52	1201	62,780.26	.30	.207	206,572	61,971.60	42,760.40	– 19,211.20
Bracken	4.58	916	41,829.48	.27	.206	157,552	42,539.04	32,455.71	– 10,083.33
Todd	4.61	1490	38,115.64	.15	.205	256,280	38,442.00	52,537.40	+ 14,095.40
Owsley	4.63	708	16,485.73	.14	.205	121,776	17,048.64	24,964.08	+ 7,915.44
Lawrence	4.69	1575	51,249.10	.19	.204	270,900	51,471.00	55,263.60	+ 3,792.60
Rockcastle	4.70	1242	42,084.89	.20	.203	213,624	42,724.80	43,365.67	+ 640.87
Magoffin	4.70	1050	32,855.76	.19	.203	180,600	34,314.00	36,661.80	+ 2,347.80
Fleming	4.76	1632	64,467.55	.22	.202	280,704	61,754.88	56,702.21	– 5,052.67
Pulaski	4.78	2483	71,311.45	.17	.202	427,076	72,602.92	86,269.35	+ 13,666.43
Pendleton	4.78	1319	55,225.46	.24	.202	226,868	54,448.32	45,827.34	– 8,620.98
Christian	4.78	3159	101,320.54	.18	.202	543,348	97,802.64	109,756.30	+ 11,953.66
Greenup	4.82	1568	51,158.50	.19	.201	269,696	51,242.24	54,208.90	+ 2,966.66
Nelson	4.82	1961	72,780.49	.22	.201	337,292	74,204.24	67,795.69	– 6,408.55
Lewis	4.85	2117	78,724.92	.21	.201	364,124	76,466.04	73,188.92	– 3,277.12
Leslie	4.98	1321	48,117.15	.21	.198	227,212	47,714.52	44,987.98	– 2,726.54
Menifee	4.96	894	23,492.83	.15	.198	153,768	23,065.20	30,446.06	+ 7,380.86
McLean	5.10	1274	29,794.05	.14	.196	219,128	30,677.92	42,949.09	+ 12,271.17
Barren	5.18	2429	79,128.69	.19	.195	417,788	79,379.72	81,468.66	+ 2,088.94
Washington	5.18	1490	62,394.70	.24	.195	256,280	61,507.20	49,974.60	– 11,532.60
Ballard	5.20	1237	54,554.70	.25	.195	212,764	53,191.00	41,488.98	– 11,702.02
LaRue	5.20	1331	43,329.30	.19	.195	228,932	43,497.08	44,641.74	+ 1,144.66
Grant	5.30	1267	48,146.54	.22	.192	217,924	47,943.28	41,841.41	– 6,101.87
Harrison	5.30	1628	76,464.32	.27	.192	280,016	75,604.32	53,763.07	– 21,841.25
Elliott	5.31	1142	35,156.69	.18	.192	196,424	35,356.32	37,713.41	+ 2,357.09
Scott	5.32	1506	62,130.31	.24	.192	259,032	62,167.68	49,734.14	– 12,433.54
Hart	5.34	2183	63,408.48	.17	.191	375,476	63,830.92	71,715.92	+ 7,885.00
Anderson	5.36	1105	34,065.94	.18	.191	190,060	34,210.80	36,301.46	+ 2,090.66
Henry	5.36	1493	60,343.83	.24	.191	256,796	61,631.04	49,048.04	– 12,583.00
Calloway	5.37	1897	50,912.50	.16	.191	326,284	52,205.44	62,320.24	+ 10,114.80
Meade	5.46	1490	53,142.14	.21	.190	256,280	53,818.80	48,693.20	– 5,125.60
McCreary	5.49	1542	29,150.82	.11	.189	265,224	29,174.64	50,127.34	+ 20,952.70
Rowan	5.49	1378	38,845.13	.16	.189	237,016	37,922.56	44,796.02	+ 6,873.46
Morgan	5.55	1672	56,936.12	.20	.187	287,584	57,516.80	53,778.21	– 3,738.59
Garrard	5.59	1240	63,963.44	.30	.186	213,280	63,984.00	39,670.08	– 24,313.92
Shelby	5.63	2015	81,754.35	.24	.185	346,580	83,179.20	64,117.30	– 19,061.90
Mercer	5.65	1305	43,971.66	.20	.185	224,460	44,892.00	41,525.10	– 3,366.90
Gallatin	5.68	568	21,900.16	.23	.185	97,696	22,470.08	18,073.76	– 4,396.32
Fulton	5.95	815	23,228.34	.17	.180	140,180	23,830.60	25,232.40	+ 1,401.80
Bourbon	5.96	1776	62,261.09	.20	.180	305,472	61,094.40	54,984.96	– 6,109.44

Districts	1 Pupil Density	2 A.D.A. Trans.	3 1955-56 Bus. Opr. Cost + 1/8 Depreciation	4 Cost per Pupil per Day	5 Adjusted Cost per Pupil per Day (by chart)	6 A.D.A. Trans. on 172 Days	7 Agg. Days Trans. x Cost per Pupil per Day	8 Agg. Days Trans. x Adj. Cost per Pupil per Day	9 Difference Col. 8-7
Carroll	6.07	767	$ 39,603.89	.30	.178	131,924	$ 39,577.20	$ 23,482.47	−$ 16,094.73
Simpson	6.10	1458	43,412.21	.17	.177	250,776	42,631.92	44,387.35	+ 1,755.43
Bath	6.19	1683	50,276.64	.17	.176	289,476	49,210.92	50,947.78	+ 1,736.86
Whitley	6.26	2544	71,383.87	.17	.175	437,568	74,386.56	76,574.40	+ 2,187.84
Graves	6.28	3503	142,603.70	.24	.175	602,516	144,603.84	105,440.30	− 39,163.54
Powell	6.32	1037	35,451.28	.20	.175	178,364	35,672.80	31,213.70	− 4,459.10
Jackson	6.33	1735	43,069.67	.14	.174	298,420	41,778.80	51,925.08	+ 10,146.28
Hopkins	6.42	3119	88,389.47	.16	.173	536,468	85,834.88	92,808.96	+ 6,974.08
Jessamine	6.47	1146	36,511.70	.18	.173	197,112	35,480.16	34,100.38	− 1,379.78
Edmonson	6.64	1534	46,885.12	.18	.170	263,848	47,492.64	44,854.16	− 2,638.48
Breathitt	6.66	2493	65,718.45	.15	.169	428,796	64,319.40	72,466.52	+ 8,147.12
Carter	6.71	2184	65,738.41	.18	.169	375,648	67,616.64	63,484.51	− 4,132.13
Mason	6.76	1601	64,634.36	.23	.168	275,372	63,335.56	46,262.50	− 17,073.06
Trimble	6.91	959	33,294.12	.20	.167	164,948	32,989.60	27,546.32	− 5,443.28
Henderson	6.96	2844	87,168.41	.18	.166	489,168	88,050.24	81,201.89	− 6,848.35
Warren	7.11	3837	98,879.55	.15	.164	659,964	98,994.60	108,234.10	+ 9,239.50
Lee	7.11	1180	26,018.87	.13	.164	202,960	26,384.80	33,285.44	+ 6,900.64
Clark	7.31	1879	50,016.08	.15	.161	323,188	48,478.20	52,033.27	+ 3,555.07
Marion	7.36	2361	57,647.48	.14	.160	406,092	56,852.88	64,974.72	+ 8,121.84
Hardin	7.41	3829	94,461.59	.14	.160	658,588	92,202.32	105,374.08	+ 13,171.76
Montgomery	7.48	1515	39,486.62	.15	.159	260,580	39,087.00	41,432.22	+ 2,345.22
Russell	7.51	1472	37,423.75	.15	.158	253,184	37,977.60	40,003.07	+ 2,025.47
Marshall	7.53	2040	58,621.31	.17	.158	350,880	59,649.60	55,439.04	− 4,210.56
Knott	7.54	1680	34,111.98	.11	.157	288,960	31,785.60	45,366.72	+ 13,581.12
Laurel	7.82	3091	85,012.86	.16	.155	531,652	85,064.32	82,406.06	− 2,658.26
Woodford	7.83	1370	53,180.09	.22	.154	235,640	51,840.80	36,288.56	− 15,552.24
Madison	7.88	3467	93,760.14	.15	.153	596,324	89,448.60	91,237.57	+ 1,788.97
Boyle	7.96	1364	37,108.40	.16	.153	234,608	37,537.28	35,895.02	− 1,642.26
Muhlenberg	8.02	3635	78,885.52	.13	.152	625,220	81,278.60	95,033.44	+ 13,754.84
Daviess	8.09	3679	133,175.27	.21	.152	632,788	132,885.48	96,183.78	− 36,701.70
Bullitt	8.39	1964	56,203.22	.17	.150	337,808	57,427.36	50,671.20	− 6,756.16
Lincoln	8.50	2819	74,370.63	.15	.148	484,868	72,730.20	71,760.46	− 969.74
Johnson	8.73	2007	57,214.93	.17	.146	345,204	58,684.68	50,399.78	− 8,284.90
Perry	9.01	2701	73,610.23	.16	.143	464,572	74,331.52	66,433.80	− 7,897.72
Letcher	9.04	2539	64,902.08	.15	.143	436,708	65,506.20	62,449.24	− 3,056.96
Oldham	9.24	1701	42,871.85	.15	.142	292,572	43,885.80	41,545.22	− 2,340.58
Boone	9.39	2132	55,639.51	.15	.141	366,704	55,005.60	51,705.26	− 3,300.34
Martin	9.40	1504	36,896.57	.15	.141	258,688	38,803.20	36,475.01	− 2,328.19
Bell	9.57	2864	63,962.11	.13	.140	492,608	64,039.04	68,965.12	+ 4,926.08
Franklin	10.58	2180	73,471.73	.19	.140	374,960	71,242.40	52,494.40	− 18,748.00
Campbell	11.29	1482	49,065.39	.19	.140	254,904	48,431.76	35,686.56	− 12,745.20

Martin	9.40	1504	36,896.57	.15	.141	258,688	38,803.20	36,475.01	– 2,328.19
Bell	9.57	2364	63,962.11	.13	.140	492,608	64,039.04	68,965.12	+ 4,926.08
Franklin	10.58	2180	73,471.73	.19	.140	374,960	71,242.40	52,494.40	– 18,748.00
Campbell	11.29	1482	49,065.39	.19	.140	254,904	48,431.76	35,686.56	– 12,745.20

	1	2	3	4	5	6	7	8	9
Districts	Pupil Density	A.D.A. Trans.	1955-56 Bus. Opr. Cost + 1/8 Depreciation	Cost per Pupil per Day	Adjusted Cost per Pupil per Day (by chart)	A.D.A. Trans. on 172 Days	Agg. Days Trans. x Cost per Pupil per Day	Agg. Days Trans. x Adj. Cost per Pupil per Day	Difference Col. 8-7
Floyd	12.60	4674	$ 96,354.20	.12	.140	803,928	$ 96,471.36	$ 112,549.92	+$ 16,078.56
Knox	12.68	3474	74,237.45	.12	.140	597,528	71,703.36	83,653.92	+ 11,950.56
Pike	12.77	8854	155,902.28	.10	.140	1,522,888	152,288.80	213,204.32	+ 60,915.52
Harlan	12.94	5305	96,659.19	.11	.140	912,460	100,370.60	127,744.40	+ 27,373.80
Boyd	14.37	2083	47,157.67	.13	.140	358,276	46,575.88	50,158.64	+ 3,582.76
McCracken	15.33	3433	76,206.30	.13	.140	590,476	76,761.88	82,666.64	+ 5,904.76
Fayette	22.42	6120	137,766.74	.13	.140	1,052,640	136,843.20	147,369.60	+ 10,526.40
Kenton	22.49	3413	92,181.42	.15	.140	587,036	88,055.40	82,185.04	– 5,870.36
Jefferson	64.65	21658	539,188.48	.14	.140	3,725,176	521,524.64	521,524.64	.....
TOTAL							$7,201,803.40	$7,140,629.16	–$ 61,174.24

PUPIL TRANSPORTATION IN KENTUCKY
PROPOSED FORMULA

Independent Districts **Table I-B** **July 1957**

Statistical data used in determining the allotment that each independent district operating a transportation program would have received for the school year 1956-57 under the proposed formula. The number of transported pupils in average daily attendance, area in square miles served, and cost per pupil per day transported are primary factors considered.

	1	2	3	4	5	6	7	8	9
Districts	Pupil Density	A.D.A. Trans.	1955-56 Bus. Opr. Cost + 1/8 Depreciation	Cost per Pupil per Day	Adjusted Cost per Pupil per Day (by chart)	A.D.A. Trans. on 172 Days	Agg. Days Trans. x Cost per Pupil per Day	Agg. Days Trans. x Adj. Cost per Pupil per Day	Difference Col. 8-7
Fulton	.86	5.2	$ 845.00	.96	.140	894.4	$ 858.62	$ 125.22	-$ 733.40
Paducah	1.67	21.3	2,602.69	.69	.140	3,663.6	2,527.88	512.90	- 2,014.98
Carlisle	2.92	17.6	405.56	.13	.140	3,027.2	393.54	423.81	+ 30.27
Augusta	3.45	21.3	1,697.31	.46	.140	3,663.6	1,685.26	512.90	- 1,172.36
Stanford	4.13	34.9	994.50	.16	.140	6,002.8	960.45	840.39	- 120.06
Trenton	4.44	190.6	7,098.50	.22	.140	32,783.2	7,212.30	4,589.65	- 2,622.65
Eminence	4.58	65.3	2,110.00	.19	.140	11,231.6	2,134.00	1,572.42	- 561.58
Lancaster	4.62	44.9	1,890.00	.24	.140	7,722.8	1,853.47	1,081.19	- 772.28
Southgate	5.60	5.6	404.43	.38	.140	963.2	366.02	134.85	- 231.17
Central City	5.80	10.9	415.80	.22	.140	1,874.8	412.46	262.47	- 149.99
Cloverport	6.12	84.7	798.20	.05	.140	14,568.4	728.42	2,039.58	+ 1,311.16
Springfield	6.12	117.8	5,788.00	.28	.140	20,261.6	5,673.25	2,836.62	- 2,836.63
Bardstown	6.29	100.7	6,048.08	.35	.140	17,320.4	6,062.14	2,424.86	- 3,637.28
Burgin	7.82	168.3	6,001.20	.21	.140	28,947.6	6,079.00	4,052.66	- 2,026.34
Falmouth	7.92	20.2	840.00	.24	.140	3,474.4	833.86	486.42	- 347.44
Erlanger	9.22	42.8	1,041.50	.13	.140	7,361.6	957.01	1,030.62	+ 73.61
East Bernstadt	9.57	13.4	1,020.76	.43	.140	2,304.8	991.06	322.67	- 668.39
Scottsville	9.72	58.6	2,155.27	.21	.140	10,079.2	2,116.63	1,411.09	- 705.54
Walton-Verona	12.23	305.3	7,363.32	.14	.140	52,511.6	7,351.62	7,351.62	-0-
Midway	12.59	194.0	6,392.17	.19	.140	33,368.0	6,339.92	4,671.52	- 1,668.40
Benton	13.59	126.5	2,073.77	.09	.140	21,758.0	1,958.22	3,046.12	+ 1,087.90
Shelbyville	14.13	373.3	8,536.00	.13	.140	64,207.6	8,346.99	8,989.06	+ 642.07
Liberty	16.11	134.0	3,383.12	.15	.140	23,048.0	3,457.20	3,226.72	- 230.48
Pembroke	16.17	97.5	8,784.30	.52	.140	16,770.0	8,720.40	2,347.80	- 6,372.60
Carrollton	16.75	78.2	1,759.05	.13	.140	13,450.4	1,748.55	1,883.06	+ 134.51
Williamstown	16.93	182.5	5,232.90	.17	.140	31,390.0	5,336.30	4,394.60	- 941.70
Uniontown	17.26	71.1	3,392.08	.27	.140	12,229.2	3,301.88	1,712.09	- 1,589.79
Anchorage	18.10	36.1	367.20	.06	.140	6,209.2	372.55	869.29	+ 496.74
Louisville	22.52	867.6	50,274.45	.33	.126	149,227.2	49,244.98	18,802.63	- 30,442.35

Uniontown	17.26	71.1	3,392.08	.27	.140	12,229.2	3,301.88	1,712.09	– 1,589.79
Anchorage	18.10	36.1	367.20	.06	.140	6,209.2	372.55	869.29	+ 496.74
Louisville	22.52	867.6	50,274.45	.33	.126	149,227.2	49,244.98	18,802.63	– 30,442.35

	1	2	3	4	5	6	7	8	9
Districts	Pupil Density	A.D.A. Trans.	1955–56 Bus. Opr. Cost + 1/9 Depreciation	Cost per Pupil per Day	Adjusted Cost per Pupil per Day (by chart)	A.D.A. Trans. on 172 Days	Agg. Days Trans. x Cost per Pupil per Day	Agg. Days Trans. x Adj. Cost per Pupil per Day	Difference Col. 8-7
Danville	23.34	246.2	$ 3,401.72	.08	.122	42,346.4	$ 3,387.71	$ 5,166.26	+$ 1,778.55
Van Lear	25.88	52.8	948.10	.11	.114	9,081.6	998.98	1,035.30	+ 36.32
Jenkins	26.99	479.7	5,876.04	.07	.111	82,508.4	5,775.59	9,158.43	+ 3,382.84
Hazard	28.23	200.4	1,925.44	.05	.108	34,468.8	1,723.44	3,722.63	+ 1,999.19
Raceland	30.26	164.9	3,503.91	.12	.105	28,362.8	3,403.54	2,978.09	– 425.45
Lexington	30.61	221.6	6,194.14	.16	.105	38,115.2	6,098.43	4,002.10	– 2,096.33
Greenville	33.01	270.7	4,275.00	.09	.102	46,560.4	4,190.44	4,749.16	+ 558.72
Lone Jack	38.40	271.9	2,875.79	.06	.096	46,766.8	2,806.01	4,489.61	+ 1,683.60
Caverna	40.97	329.4	5,136.71	.09	.093	56,656.8	5,099.11	5,269.08	+ 169.97
Science Hill	43.70	43.7	1,388.86	.18	.091	7,516.4	1,352.95	683.99	– 668.96
Harlan	51.79	333.5	1,703.89	.03	.090	57,362.0	1,720.86	5,162.58	+ 3,441.72
South Portsmouth	57.51	191.5	2,491.97	.07	.090	32,938.0	2,305.66	2,964.42	+ 658.76
Pikeville	60.30	237.6	2,906.38	.07	.090	40,867.2	2,860.70	3,678.05	+ 817.35
Barbourville	64.34	145.4	1,750.00	.07	.090	25,008.8	1,750.62	2,250.79	+ 500.17
Cold Spring	66.51	317.9	7,900.88	.15	.090	54,678.8	8,201.82	4,921.09	– 3,280.73
Vanceburg	73.73	150.4	1,440.00	.06	.090	25,868.8	1,552.13	2,328.19	+ 776.06
Williamsburg	85.33	256.0	1,463.65	.03	.090	44,032.0	1,320.96	3,962.88	+ 2,641.92
Ravenna	138.75	55.5	1,419.94	.15	.090	9,546.0	1,431.90	859.14	– 572.76
Paintsville	157.33	182.5	2,248.07	.07	.090	31,390.0	2,197.30	2,825.10	+ 627.80
TOTAL							$196,202.13	$152,161.72	–$44,040.41

TABLE II-A

Table II-A shows a comparison of transportation allotments calculated for county and independent districts for the 1956-57 school year under the present formula and the proposed formula. Column 3 shows the difference in terms of money for the two formulas; whereas, column 4 shows the transportation allotment each district would receive under the proposed formula reduced to 85.47% to equal total transportation allotment for all districts as calculated under the present formula.

Districts	(1) 1956-57 F. P. Trans. Allotment	(2) 1956-57 Proposed Formula Allotment	(3) Difference Col. 2 – Col. 1	(4) 85.47% X Col. 2
Clay	$ 21,600.00	$ 27,872.60	$+ 6,272.60	$ 23,822.71
Clinton	11,040.00	14,803.01	+ 3,763.01	12,652.13
Cumberland	22,720.00	29,801.41	+ 7,081.41	25,471.27
Grayson	42,080.00	55,095.38	+ 13,015.38	47,090.02
Casey	33,440.00	45,882.72	+ 12,442.72	39,215.96
Monroe	30,720.00	40,069.12	+ 9,349.12	34,247.08
Crittenden	36,800.00	47,365.36	+ 10,565.36	40,483.17
Butler	45,600.00	58,530.22	+ 12,930.22	50,025.78
Webster	33,600.00	44,871.36	+ 11,271.36	38,351.55
Livingston	33,440.00	42,875.64	+ 9,435.64	36,645.81
Wolfe	19,680.00	26,268.01	+ 6,588.01	22,451.27
Wayne	32,000.00	42,115.92	+ 10,115.92	35,996.48
Robertson	11,200.00	14,274.62	+ 3,074.62	12,200.52
Breckinridge	54,080.00	70,550.10	+ 16,470.10	60,299.17
Owen	38,400.00	50,394.62	+ 11,994.62	43,072.28
Taylor	27,520.00	35,977.93	+ 8,457.93	30,750.34
Lyon	24,960.00	32,487.53	+ 7,527.53	27,767.09
Metcalfe	31,360.00	40,710.85	+ 9,350.85	34,795.56
Allen	41,920.00	52,722.64	+ 10,802.64	45,062.04
Caldwell	37,920.00	49,456.88	+ 11,536.88	42,270.80
Hickman	25,120.00	32,771.16	+ 7,651.16	28,009.51
Trigg	44,640.00	58,159.39	+ 13,519.39	49,708.83
Spencer	23,040.00	29,814.48	+ 6,774.48	25,482.44
Adair	45,600.00	56,905.17	+ 11,305.17	48,636.85
Estill	25,760.00	33,900.17	+ 8,140.17	28,974.48
Hancock	23,360.00	29,041.51	+ 5,681.51	24,821.78
Carlisle	20,160.00	24,896.31	+ 4,736.31	21,278.88
Nicholas	24,640.00	30,376.40	+ 5,736.40	25,962.71
Ohio	70,880.00	90,914.04	+ 20,034.04	77,704.23
Green	33,920.00	43,324.74	+ 9,404.74	37,029.66
Logan	66,880.00	87,722.75	+ 20,842.75	74,976.63
Union	33,440.00	42,760.40	+ 9,320.40	36,547.31
Bracken	25,280.00	32,455.71	+ 7,175.71	27,739.90
Todd	41,280.00	52,537.40	+ 11,257.40	44,903.72
Owsley	20,160.00	24,964.08	+ 4,804.08	21,336.80
Lawrence	43,520.00	55,263.60	+ 11,743.60	47,233.80
Rockcastle	34,240.00	43,365.67	+ 9,125.67	37,064.64
Magoffin	29,920.00	36,661.80	+ 6,741.80	31,334.84
Fleming	46,400.00	56,702.21	+ 10,302.21	48,463.38
Pulaski	70,400.00	86,269.35	+ 15,869.35	73,734.41
Pendleton	36,160.00	45,827.34	+ 9,667.34	39,168.63
Christian	86,720.00	109,756.30	+ 23,036.30	93,808.71
Greenup	42,880.00	54,208.90	+ 11,328.90	46,332.35
Nelson	53,600.00	67,795.69	+ 14,195.69	57,944.98
Lewis	59,840.00	73,188.92	+ 13,348.92	62,554.57
Leslie	35,840.00	44,987.98	+ 9,147.98	38,451.23
Menifee	25,120.00	30,446.06	+ 5,326.06	26,022.25
McLean	35,520.00	42,949.09	+ 7,429.09	36,708.59
Barren	65,280.00	81,468.66	+ 16,188.66	69,631.26
Washington	40,000.00	49,974.60	+ 9,974.60	42,713.29
Ballard	34,240.00	41,488.98	+ 7,248.98	35,460.63
LaRue	37,120.00	44,641.74	+ 7,521.74	38,155.30
Grant	33,760.00	41,841.41	+ 8,081.41	35,761.85
Harrison	42,400.00	53,763.07	+ 11,363.07	45,951.30
Elliott	31,520.00	37,713.41	+ 6,193.41	32,233.65
Scott	39,200.00	49,734.14	+ 10,534.14	42,507.77
Hart	60,000.00	71,715.92	+ 11,715.92	61,295.60
Anderson	29,440.00	36,301.46	+ 6,861.46	31,026.86
Henry	39,840.00	49,048.04	+ 9,208.04	41,921.36
Calloway	52,000.00	62,320.24	+ 10,320.24	53,265.11
Meade	39,520.00	48,693.20	+ 9,173.20	41,618.08

Districts	(1) 1956-57 F. P. Trans. Allotment	(2) 1956-57 Proposed Formula Allotment	(3) Difference Col. 2 – Col. 1	(4) 85.47% X Col. 2
McCreary	$ 40,800.00	$ 50,127.34	$+ 9,327.34	$ 42,843.84
Rowan	36,480.00	44,796.02	+ 8,316.02	38,287.16
Morgan	45,440.00	53,778.21	+ 8,338.21	45,964.24
Garrard	32,640.00	39,670.08	+ 7,030.08	33,906.02
Shelby	53,120.00	64,117.30	+ 10,997.30	54,801.06
Mercer	33,440.00	41,525.10	+ 8,085.10	35,491.50
Gallatin	15,360.00	18,073.76	+ 2,713.76	15,447.64
Fulton	21,120.00	25,232.40	+ 4,112.40	21,566.13
Bourbon	45,120.00	54,984.96	+ 9,864.96	46,995.65
Carroll	19,840.00	23,482.47	+ 3,642.47	20,070.47
Simpson	37,600.00	44,387.35	+ 6,787.35	37.937.87
Bath	43,200.00	50,947.78	+ 7,747.78	43,545.07
Whitley	65,280.00	76,574.40	+ 11,294.40	65,448.14
Graves	92,480.00	105,440.30	+ 12,960.30	90,119.82
Powell	26,560.00	31,213.70	+ 4,653.70	26,678.35
Jackson	45,760.00	51,925.08	+ 6,165.08	44,380.37
Hopkins	79,680.00	92,808.96	+ 13,128.96	79,323.82
Jessamine	28,480.00	34,100.38	+ 5,620.38	29,145.59
Edmonson	40,000.00	44,854.16	+ 4,854.16	38,336.85
Breathitt	63,200.00	72,466.52	+ 9,266.52	61,937.13
Carter	55,200.00	63,484.51	+ 8,284.51	54,260.21
Mason	40,480.00	46,262.50	+ 5,782.50	39,540.56
Trimble	24,160.00	27,546.32	+ 3,386.32	23,543.84
Henderson	71,520.00	81,201.89	+ 9,681.89	69,403.26
Warren	96,000.00	108,234.10	+ 12,234.10	92,507.69
Lee	29,600.00	33,285.44	+ 3,685.44	28,449.07
Clark	45,760.00	52,033.27	+ 6,273.27	44,472.84
Marion	58,560.00	64,974.72	+ 6,414.72	55,533.89
Hardin	95,040.00	105,374.08	+ 10,334.08	90,063.23
Montgomery	36,800.00	41,432.22	+ 4,632.22	35,412.12
Russell	36,480.00	40,003.07	+ 3,523.07	34,190.62
Marshall	49,440.00	55,439.04	+ 5,999.04	47,383.75
Knott	40,800.00	45,366.72	+ 4,566.72	38,774.94
Laurel	75,840.00	82,406.06	+ 6,566.06	70,432.46
Woodford	32,960.00	36,288.56	+ 3,328.56	31,015.83
Madison	84,960.00	91,237.57	+ 6,277.57	77,980.75
Boyle	32,800.00	35,895.02	+ 3,095.02	30,679.47
Muhlenberg	88,800.00	95,033.44	+ 6,233.44	81,225.08
Daviess	89,760.00	96,183.78	+ 6,423.78	82,208.28
Bullitt	47,520.00	50,671.20	+ 3,151.20	43,308.67
Lincoln	68,160.00	71,760.46	+ 3,600.46	61,333.67
Johnson	49,280.00	50,399.78	+ 1,119.78	43,076.69
Perry	64,800.00	66,433.80	+ 1,633.80	56,780.97
Letcher	59,680.00	62,449.24	+ 2,769.24	53,375.37
Oldham	40,640.00	41,545.22	+ 905.22	35,508.70
Boone	50,720.00	51,705.26	+ 985.26	44,192.49
Martin	35,840.00	36,475.01	+ 635.01	31,175.19
Bell	68,000.00	68,965.12	+ 965.12	58,944.49
Franklin	51,040.00	52,494.40	+ 1,454.40	44,866.96
Campbell	33,760.00	35,686.56	+ 1,926.56	30,501.30
Floyd	106,560.00	112,549.92	+ 5,989.92	96,196.42
Knox	78,240.00	83,653.92	+ 5,413.92	71,499.01
Pike	201,760.00	213,204.32	+ 11,444.32	182,225.73
Harlan	119,200.00	127,744.40	+ 8,544.40	109,183.14
Boyd	46,240.00	50,158.64	+ 3,918.64	42,870.59
McCracken	76,000.00	82,666.64	+ 6,666.64	70,655.18
Fayette	131,200.00	147,369.60	+ 16,169.60	125,956.80
Kenton	73,120.00	82,185.04	+ 9,065.04	70,243.55
Jefferson	413,760.00	521,524.64	+ 107,764.64	445,747.11
Total	$6,064,800.00	$7,140,629.16	$+1,075,829.16	$6,103,095.74
Fulton	320.00	125.22	– 194.78	107.03
Paducah	960.00	512.90	– 447.10	438.38
Carlisle	480.00	423.81	– 56.19	362.23
Augusta	640.00	512.90	– 127.10	438.38
Stanford	960.00	840.39	– 119.61	718.28
Trenton	5,440.00	4,589.65	– 850.35	3,922.77
Eminence	1,760.00	1,572.42	– 187.58	1,343.95
Lancaster	1,280.00	1,081.19	– 198.81	924.09
Southgate	160.00	134.85	– 25.15	115.26
Central City	160.00	262.47	+ 102.47	224.33
Cloverport	2,240.00	2,039.58	– 200.42	1,743.23
Springfield	3,040.00	2,836.62	– 203.38	2,424.46
Bardstown	2,560.00	2,424.86	– 135.14	2,072.53
Burgin	4,000.00	4,052.66	+ 52.66	3,463.81
Falmouth	640.00	486.42	– 153.58	415.74

Districts	(1) 1956-57 F. P. Trans. Allotment	(2) 1956-57 Proposed Formula Allotment	(3) Difference Col. 2 – Col. 1	(4) 85.47% X Col. 2
Erlanger	$ 960.00	$ 1,030.62	$+ 70.62	$ 880.87
East Bernstadt	320.00	322.67	+ 2.67	275.79
Scottsville	1,280.00	1,411.09	+ 131.09	1,206.06
Walton-Verona	7,040.00	7,351.62	+ 311.62	6,283.43
Midway	4,320.00	4,671.52	+ 351.52	3,992.75
Benton	2,880.00	3,046.12	+ 166.12	2,603.52
Shelbyville	8,320.00	8,989.06	+ 669.06	7,682.95
Liberty	3,040.00	3,226.72	+ 186.72	2,757.88
Pembroke	2,240.00	2,347.80	+ 107.80	2,006.66
Carrollton	1,760.00	1,883.06	+ 123.06	1,609.45
Williamstown	4,000.00	4,394.60	+ 394.60	3,756.06
Uniontown	1,600.00	1,712.09	+ 112.09	1,463.32
Anchorage	800.00	869.29	+ 69.29	742.98
Louisville	18,560.00	18,802.63	+ 242.63	16,070.61
Danville	5,280.00	5,166.26	- 113.74	4,415.60
Van Lear	1,120.00	1,035.30	- 84.70	884.87
Jenkins	10,240.00	9,158.43	- 1,081.57	7,827.71
Hazard	4,160.00	3,722.63	- 437.37	3,181.73
Raceland	3,520.00	2,978.09	- 541.91	2,545.37
Lexington	4,640.00	4,002.10	- 637.90	3,420.59
Greenville	5,760.00	4,749.16	- 1,010.84	4,059.11
Lone Jack	5,600.00	4,489.61	- 1,110.39	3,837.27
Caverna	6,720.00	5,269.08	- 1,450.92	4,503.48
Science Hill	960.00	683.99	- 276.01	584.61
Harlan	6,880.00	5,162.58	- 1,717.42	4,412.46
South Portsmouth	4,000.00	2,964.42	- 1,035.58	2,533.69
Pikeville	4,960.00	3,678.05	- 1,281.95	3,143.63
Barbourville	2,880.00	2,250.79	- 629.21	1,923.75
Cold Spring	6,560.00	4,921.09	- 1,638.91	4,206.06
Vanceburg	3,040.00	2,328.19	- 711.81	1,989.90
Williamsburg	5,280.00	3,962.88	- 1,317.12	3,387.07
Ravenna	1,120.00	859.14	- 260.86	734.31
Paintsville	3,680.00	2,825.10	- 854.90	2,414.61
Total	$ 168,160.00	$ 152,161.72	$ - 15,998.28	$ 130,052.62
GRAND TOTAL	$6,232,960.00	$7,292,790.88	$+1,059,830.88	$6,233,148.37

	(4) 85.47% X Col. 2
	880.87
	275.79
	1,206.06
	6,283.43
	3,992.75
	2,603.32
	7,682.95
	2,757.88
	2,006.66
	1,609.45
	3,756.06
	1,468.32
	742.98
	16,070.61
	4,415.60
	894.87
	7,527.71
	3,181.73
	2,545.37
	3,420.59
	4,059.11
	3,837.27
	4,503.48
	584.61
	4,412.46
	2,533.69
	3,143.63
	1,923.75
	4,206.06
	1,989.90
	3,387.07
	734.31
	2,414.61
30,052.62	
33,148.37	

PUPIL TRANSPORTATION IN KENTUCKY
PROPOSED FORMULA
Table I-A

County Districts **October 1957**

Statistical data used in determining the allotment that each county district operating a transportation program would have received for the school year 1957-58 under the proposed formula. The number of transported pupils in average daily attendance, area in square miles served, and cost per pupil per day transported are primary factors considered.

	1	2	3	4	5	6	7	8	9
Districts	Pupil Density	A.D.A. Trans.	1956-57 Bus. Opr. Cost + 1/8 Depreciation	Cost per Pupil per Day	Adjusted Cost per Pupil per Day (by chart)	A.D.A. Trans. on 172 Days	Agg. Days Trans. x Cost per Pupil per Day	Agg. Days Trans. x Adj. Cost per Pupil per Day	Difference Col. 8-7
Clinton	1.82	294.8	$ 18,897.32	.364	.316	50,705.6	$ 18,456.84	$ 16,022.97	-$ 2,433.87
Cumberland	2.72	674.6	29,307.54	.253	.265	116,031.2	29,355.89	30,748.27	+ 1,392.38
Grayson	2.80	1285.0	52,223.00	.235	.260	221,020.0	51,939.70	57,465.20	+ 5,525.50
Casey	3.00	1143.1	54,116.25	.275	.252	196,613.2	54,068.63	49,546.53	- 4,522.10
Crittenden	3.17	1126.4	39,665.56	.205	.248	193,740.8	39,716.86	48,047.72	+ 8,330.86
Monroe	3.38	1082.1	43,140.59	.230	.240	186,121.2	42,807.88	44,669.09	+ 1,861.21
Wolfe	3.39	656.3	29,027.40	.256	.240	112,883.6	28,898.20	27,092.06	- 1,806.14
Livingston	3.44	1089.5	40,981.51	.217	.236	187,394.0	40,664.50	44,224.98	+ 3,560.48
Butler	3.58	1549.6	68,358.92	.256	.232	266,531.2	68,231.99	61,835.24	- 6,396.75
Webster	3.66	1210.5	51,143.68	.246	.228	208,206.0	51,218.68	47,470.97	- 3,747.71
Lyon	3.70	826.6	35,176.30	.247	.225	142,175.2	35,117.27	31,989.42	- 3,127.85
Owen	3.71	1291.8	47,660.27	.214	.225	222,189.6	47,548.57	49,992.66	+ 2,444.09
Robertson	3.71	375.1	12,398.28	.192	.225	64,517.2	12,387.30	14,516.37	+ 2,129.07
Allen	3.73	1334.1	66,613.91	.290	.225	229,465.2	66,544.91	51,629.67	- 14,915.24
Trigg	3.75	1515.9	59,471.09	.224	.225	260,734.8	58,404.60	58,665.33	+ 260.73
Breckinridge	3.92	1936.7	84,765.42	.257	.221	333,112.4	85,609.89	73,617.84	- 11,992.05
Hickman	3.97	866.1	36,807.15	.247	.221	148,969.2	36,795.39	32,922.19	- 3,873.20
Metcalfe	3.98	1104.3	36,139.18	.187	.221	189,939.6	35,518.71	41,976.65	+ 6,457.94
Caldwell	4.09	1354.2	50,765.96	.218	.219	232,922.4	50,777.08	51,010.01	+ 232.93
Carlisle	4.18	668.1	26,456.29	.229	.217	114,913.2	26,315.12	24,936.16	- 1,378.96
Hancock	4.24	793.8	32,727.25	.240	.214	136,533.6	32,768.06	29,218.19	- 3,549.87
Wayne	4.29	1295.6	37,631.95	.166	.214	222,843.2	36,991.97	47,688.44	+ 10,696.47
Green	4.30	1174.8	53,622.11	.261	.212	202,065.6	52,739.12	42,837.91	- 9,901.21
Nicholas	4.33	844.0	37,220.14	.255	.212	145,168.0	37,017.84	30,775.62	- 6,242.22
Clay	4.40	1528.1	35,837.19	.136	.210	262,833.2	35,745.32	55,194.97	+ 19,449.65
Spencer	4.44	816.7	32,386.72	.231	.210	140,472.4	32,449.12	29,499.20	- 2,949.92
Adair	4.56	1665.5	60,887.73	.213	.208	286,466.0	61,017.26	59,584.93	- 1,432.33
Logan	4.56	2525.6	110,107.59	.253	.208	434,403.2	109,904.01	90,355.87	- 19,548.14
Menifee	4.60	829.3	23,512.09	.167	.206	142,639.6	23,820.81	29,383.76	+ 5,562.95
Ohio	4.60	2650.5	97,259.78	.213	.206	455,886.0	97,103.72	93,912.52	- 3,191.20
Bracken	4.63	924.9	41,352.06	.260	.206	159,082.8	41,361.53	32,771.06	- 8,590.47

Districts	1 Pupil Density	2 A.D.A. Trans.	3 1956-57 Bus. Opr. Cost + 1/8 Depreciation	4 Cost per Pupil per Day	5 Adjusted Cost per Pupil per Day (by chart)	6 A.D.A. Trans. on 172 Days	7 Agg. Days Trans. x Cost per Pupil per Day	8 Agg. Days Trans. x Adj. Cost per Pupil per Day	9 Difference Col. 8-7
Union	4.65	1235.1	$ 65,167.34	.307	.206	212,437.2	$ 65,218.22	$ 43,762.06	-$ 21,456.16
Fleming	4.67	1602.4	64,843.61	.235	.206	275,612.8	64,769.01	56,776.24	– 7,992.77
Lawrence	4.67	1566.7	47,581.49	.178	.206	269,472.4	47,966.09	55,511.31	+ 7,545.22
Pendleton	4.67	1291.3	56,077.81	.251	.206	222,103.6	55,748.00	45,753.34	– 9,994.66
Rockcastle	4.79	1265.0	45,775.14	.210	.204	217,580.0	45,691.80	44,386.32	– 1,305.48
Lewis	4.81	2099.8	83,724.46	.230	.202	361,165.6	83,068.09	72,955.45	– 10,112.64
Nelson	4.84	1967.8	80,227.42	.237	.202	338,461.6	80,215.40	68,369.24	– 11,846.16
Estill	4.90	1068.1	35,807.50	.194	.200	183,713.2	35,640.36	36,742.64	+ 1,102.28
McLean	4.92	1232.6	30,545.23	.144	.200	212,007.2	30,529.04	42,401.44	+ 11,872.40
Washington	4.92	1415.2	64,399.46	.262	.200	243,414.4	63,774.57	48,682.88	– 15,091.69
Christian	4.97	3286.2	117,570.88	.208	.200	565,226.4	117,567.09	113,045.28	– 4,521.81
Pulaski	4.97	2579.8	73,775.76	.166	.200	443,725.6	73,658.45	88,745.12	+ 15,086.67
Magoffin	5.02	1120.5	50,837.76	.259	.198	192,726.0	49,916.03	38,159.75	– 11,756.28
Harrison	5.07	1555.4	71,662.73	.268	.198	267,528.8	71,697.72	52,970.70	– 18,727.02
LaRue	5.11	1309.4	40,947.65	.183	.196	225,216.8	41,214.67	44,142.49	+ 2,927.82
Ballard	5.22	1242.3	55,542.75	.261	.195	213,675.6	55,769.33	41,666.74	– 14,102.59
Owsley	5.29	807.8	28,537.84	.203	.195	138,941.6	28,205.14	27,093.61	– 1,111.53
Todd	5.29	1712.9	43,142.86	.146	.195	294,618.8	43,014.34	57,450.67	+ 14,436.33
Hart	5.33	2179.7	65,563.69	.175	.192	374,908.4	65,608.97	71,982.41	+ 6,373.44
Grant	5.35	1280.8	49,023.90	.221	.192	220,297.6	48,685.77	42,297.14	– 6,388.63
Henry	5.35	1451.9	53,068.42	.213	.192	249,726.8	53,191.81	47,947.55	– 5,244.26
Calloway	5.37	1897.0	57,868.16	.176	.192	326,284.0	57,425.98	62,646.53	+ 5,220.55
Scott	5.45	1542.8	62,084.67	.235	.191	265,361.6	62,359.98	50,684.07	– 11,675.91
Garrard	5.49	1217.8	62,370.85	.296	.191	209,461.6	62,000.63	40,007.17	– 21,993.46
Anderson	5.51	1135.6	35,653.50	.183	.189	195,323.2	35,744.15	36,916.08	+ 1,171.93
Mercer	5.56	1287.0	44,887.09	.205	.189	221,364.0	45,379.62	41,837.80	– 3,541.82
Morgan	5.56	1673.3	70,300.03	.241	.189	287,807.6	69,361.63	54,395.64	– 14,965.99
Rowan	5.62	1411.1	46,918.08	.193	.186	242,709.2	46,842.88	45,143.91	– 1,698.97
Leslie	5.68	1505.0	54,123.66	.208	.186	258,860.0	53,842.88	48,147.96	– 5,694.92
Meade	5.70	1554.6	53,863.33	.200	.185	267,391.2	53,478.24	49,467.37	– 4,010.87
Elliott	5.73	1231.6	37,024.01	.176	.185	211,835.2	37,283.00	39,189.51	+ 1,906.51
Gallatin	5.77	576.9	21,761.98	.219	.185	99,226.8	21,730.67	18,356.96	– 3,373.71
Shelby	5.80	2073.9	93,035.52	.261	.183	356,710.8	93,101.52	65,278.08	– 27,823.44
Barren	5.84	2739.4	82,122.94	.175	.183	471,176.8	82,455.94	86,225.35	+ 3,769.41
Bourbon	5.85	1743.6	59,967.63	.198	.183	299,899.2	59,380.04	54,881.55	– 4,498.49
Carroll	6.02	760.4	40,720.14	.308	.179	130,788.8	40,282.95	23,411.20	– 16,871.75
Graves	6.09	3401.0	141,031.16	.240	.179	584,972.0	140,393.28	104,709.99	– 35,683.29
McCreary	6.11	1716.6	34,755.26	.117	.177	295,255.2	34,544.86	52,260.17	+ 17,715.31
Bath	6.13	1664.7	56,851.97	.199	.177	286,328.4	56,979.35	50,680.13	– 6,299.22
Whitley	6.23	2534.9	96,240.45	.221	.176	436,002.8	96,356.62	76,736.49	– 19,620.13
Simpson	6.37	1522.8	47,412.46	.178	.175	261,921.6	46,622.04	45,836.28	– 785.76

Graves	6.09	3401.0	141,031.16	.240	.179	584,972.0	140,393.28	104,709.99	− 35,683.29
McCreary	6.11	1716.6	34,755.26	.117	.177	295,255.2	34,544.86	52,260.17	+ 17,715.31
Bath	6.13	1664.7	56,851.97	.199	.177	286,328.4	56,979.35	50,680.13	− 6,299.22
Whitley	6.23	2534.9	96,240.45	.221	.176	436,002.8	96,356.62	76,736.49	− 19,620.13
Simpson	6.37	1522.8	47,412.46	.178	.175	261,921.6	46,622.04	45,836.28	− 785.76

	1	2	3	4	5	6	7	8	9
Districts	Pupil Density	A.D.A. Trans	1956-57 Bus. Opr. Cost + ⅛ Depreciation	Cost per Pupil per Day	Adjusted Cost per Pupil per Day (by chart)	A.D.A. Trans. on 172 Days	Agg. Days Trans. x Cost per Pupil per Day	Agg. Days Trans. x Adj. Cost per Pupil per Day	Difference Col. 8-7
Jessamine	6.49	1148.9	$ 40,274.09	.201	.173	197,610.8	$ 39,719.77	$ 34,186.67	-$ 5,533.10
Hopkins	6.51	3166.7	82,831.50	.152	.172	544,672.4	82,790.20	93,683.65	+ 10,893.45
Fulton	6.53	896.8	26,295.97	.170	.172	154,249.6	26,222.43	26,530.93	+ 308.50
Warren	6.69	3612.3	95,227.09	.153	.171	621,315.6	95,061.29	106,244.97	+ 11,183.68
Jackson	6.70	1836.2	52,027.66	.163	.169	315,826.4	51,479.70	53,374.66	+ 1,894.96
Carter	6.74	2194.6	64,971.10	.172	.169	377,471.2	64,925.05	63,792.63	- 1,132.42
Powell	6.76	1107.7	39,052.96	.204	.169	190,524.4	38,866.98	32,198.62	− 6,668.36
Trimble	6.78	940.1	33,693.33	.208	.169	161,697.2	33,633.02	27,326.83	− 6,306.19
Edmonson	7.01	1618.5	49,963.80	.177	.166	278,382.0	49,273.61	46,211.41	− 3,062.20
Taylor	7.01	1737.4	59,257.19	.196	.166	298,832.8	58,571.23	49,606.24	- 8,964.99
Breathitt	7.05	2641.3	71,204.68	.156	.166	454,303.6	70,871.36	75,414.40	+ 4,543.04
Henderson	7.07	2890.4	90,735.12	.185	.166	497,148.8	91,972.53	82,526.70	- 9,445.83
Mason	7.13	1689.4	60,286.97	.210	.164	290,576.8	61,021.13	47,654.60	− 13,366.53
Clark	7.28	1872.4	52,838.33	.161	.162	322,052.8	51,850.50	52,172.55	+ 322.05
Woodford	7.37	1289.0	53,030.88	.239	.161	221,708.0	52,988.21	35,694.99	− 17,293.22
Montgomery	7.39	1495.8	42,670.52	.164	.161	257,277.6	42,193.53	41,421.69	- 771.84
Lee	7.40	1229.2	33,025.63	.155	.160	211,422.4	32,770.47	33,827.58	+ 1,057.11
Marion	7.54	2421.5	60,591.81	.145	.158	416,498.0	60,392.21	65,806.68	+ 5,414.47
Madison	7.80	3432.8	52,005.41	.088	.155	590,441.6	51,958.86	91,518.45	+ 39,559.59
Marshall	7.80	2115.0	63,290.38	.175	.155	363,780.0	63,661.50	56,385.90	- 7,275.60
Boyle	7.93	1359.4	37,233.02	.159	.153	233,816.8	37,176.87	35,773.97	− 1,402.90
Hardin	8.09	4177.3	104,224.05	.145	.152	718,495.6	104,181.86	109,211.33	+ 5,029.47
Laurel	8.12	3211.1	95,522.05	.174	.152	552,309.2	96,101.80	83,951.00	− 12,150.80
Greenup	8.14	2647.1	124,295.81	.271	.152	455,301.2	123,386.63	69,205.78	− 54,180.85
Knott	8.25	1836.7	35,265.98	.110	.151	315,912.4	34,750.36	47,702.77	+ 12,952.41
Muhlenberg	8.27	3742.4	92,148.41	.143	.151	643,692.8	92,048.07	97,197.61	+ 5,149.54
Lincoln	8.40	2783.7	81,647.22	.173	.149	478,796.4	82,831.78	71,340.66	− 11,491.12
Daviess	8.58	3902.4	137,472.53	.204	.148	671,212.8	136,927.41	99,339.49	− 37,587.92
Russell	8.62	1694.0	44,692.66	.155	.147	291,368.0	45,162.04	42,831.10	− 2,330.94
Oldham	8.94	1644.5	45,054.97	.158	.144	282,854.0	44,690.93	40,730.98	− 3,959.95
Johnson	8.96	2063.4	63,082.15	.176	.144	354,904.8	62,463.24	51,106.29	− 11,356.95
Bullitt	9.20	2153.3	59,749.90	.163	.142	370,367.6	60,369.92	52,592.20	− 7,777.72
Letcher	9.22	2590.2	68,196.87	.153	.142	445,514.4	68,163.70	63,263.04	- 4,900.66
Perry	9.88	2962.5	90,753.55	.176	.140	509,550.0	89,680.80	71,337.00	− 18,343.80
Bell	10.07	3015.8	70,544.39	.136	.140	518,717.6	70,545.59	72,620.46	+ 2,074.87
Martin	10.08	1613.1	46,339.24	.165	.140	277,453.2	45,779.78	38,843.45	− 6,936.33
Boone	10.24	2323.9	59,228.99	.147	.140	399,710.8	58,757.49	55,959.51	− 2,797.98
Franklin	10.63	2190.0	76,539.65	.202	.140	376,680.0	76,089.36	52,735.20	− 23,354.16
Campbell	12.12	1591.3	54,608.69	.198	.140	273,703.6	54,193.31	38,318.50	− 15,874.81
Harlan	13.10	5371.7	105,638.88	.114	.140	923,932.4	105,328.29	129,350.54	+ 24,022.25

	1	2	3	4	5	6	7	8	9
Districts	Pupil Density	A.D.A. Trans.	1956-57 Bus. Opr. Cost + 1/8 Depreciation	Cost per Pupil per Day	Adjusted Cost per Pupil per Day (by chart)	A.D.A. Trans. on 172 Days	Agg. Days Trans. x Cost per Pupil per Day	Agg. Days Trans. x Adj. Cost per Pupil per Day	Difference Col. 8-7
Floyd	13.27	4921.9	$106,994.00	.124	.140	846,566.8	$104,974.28	$118,519.35	+$ 13,545.07
Knox	13.42	3673.5	83,998.45	.135	.140	631,842.0	85,298.67	88,457.88	+ 3,159.21
Boyd	14.50	2103.1	54,541.39	.153	.140	361,733.2	55,345.18	50,642.65	- 4,702.53
Pike	14.55	10089.6	176,917.07	.101	.140	1,735,411.2	175,276.53	242,957.57	+ 67,681.04
McCracken	15.79	3540.7	82,559.00	.134	.140	609,000.4	81,606.05	85,260.06	+ 3,654.01
Fayette	22.22	6059.9	157,748.74	.151	.140	1,042,302.8	157,387.72	145,922.39	- 11,465.33
Kenton	23.31	3537.3	97,437.96	.158	.140	608,415.6	96,129.66	85,178.18	- 10,951.48
Jefferson	68.52	22937.7	605,887.12	.154	.140	3,945,284.4	607,573.80	552,339.82	- 55,233.98
TOTAL							$7,830,457.63	$7,395,525.35	-$434,932.28

PUPIL TRANSPORTATION IN KENTUCKY
PROPOSED FORMULA

Independent Districts — **Table I-B** — **October 1957**

Statistical data used in determining the allotment that each independent district operating a transportation program would have received for the school year 1957-58 under the proposed formula. The number of transported pupils in average daily attendance, area in square miles served, and cost per pupil per day transported are primary factors considered.

	1	2	3	4	5	6	7	8	9
Districts	Pupil Density	A.D.A. Trans.	1956-57 Bus. Opr. Cost + 1/8 Depreciation	Cost per Pupil per Day	Adjusted Cost per Pupil per Day (by chart)	A.D.A. Trans. on 172 Days	Agg. Days Trans. x Cost per Pupil per Day	Agg. Days Trans. x Adj. Cost per Pupil per Day	Difference Col. 8–7
Fulton	1.18	7.1	$ 860.00	.692	.140	1,221.2	$ 845.07	$ 170.97	$ – 674.10
Augusta	2.63	16.2	1,199.61	.423	.140	2,786.4	1,178.65	390.10	– 788.55
Carlisle	2.77	16.7	1,794.33	.617	.140	2,872.4	1,772.27	402.14	– 1,370.13
Louisville	3.68	141.6	17,620.91	.707	.140	24,355.2	17,219.13	3,409.73	–13,809.40
Stanford	5.24	44.3	1,321.25	.172	.140	7,619.6	1,310.57	1,066.74	– 243.83
Eminence	5.36	76.5	2,404.67	.181	.140	13,158.0	2,381.60	1,842.12	– 539.48
Lancaster	5.45	53.0	2,115.00	.228	.140	9,116.0	2,078.45	1,276.24	– 802.21
Paducah	6.02	77.0	3,608.00	.269	.140	13,244.0	3,562.64	1,854.16	– 1,708.48
Cloverport	6.33	87.6	1,604.42	.107	.140	15,067.2	1,612.19	2,109.41	+ 497.22
Central City	6.86	12.9	405.00	.182	.140	2,218.8	403.82	310.63	– 93.19
Springfield	7.08	136.3	5,980.00	.252	.140	23,443.6	5,907.79	3,282.10	– 2,625.69
Burgin	7.87	169.4	5,227.78	.179	.140	29,136.8	5,215.49	4,079.15	– 1,136.34
Falmouth	9.18	23.4	1,215.00	.298	.140	4,024.8	1,199.39	563.47	– 635.92
Erlanger	9.96	46.2	1,063.75	.133	.140	7,946.4	1,056.87	1,112.50	+ 55.63
Scottsville	11.58	69.8	1,906.45	.158	.140	12,005.6	1,896.88	1,680.78	– 216.10
Midway	11.71	180.5	6,835.91	.220	.140	31,046.0	6,830.12	4,346.44	– 2,483.68
Pembroke	11.96	81.7	2,300.00	.164	.140	14,052.4	2,304.59	1,967.34	– 337.25
Leitchfield	11.99	116.1	1,019.30	.051	.140	19,969.2	1,018.43	2,795.69	+ 1,777.26
Walton-Verona	12.58	314.0	6,661.04	.123	.140	54,008.0	6,642.98	7,561.12	+ 918.14
Liberty	13.92	115.8	3,527.77	.179	.140	19,917.6	3,565.25	2,788.46	– 776.79
Shelbyville	14.00	369.9	9,600.00	.148	.140	63,622.8	9,416.17	8,907.19	– 508.98
Benton	15.22	141.7	2,733.71	.110	.140	24,372.4	2,680.96	3,412.14	+ 731.18
Carrollton	16.49	77.0	1,774.05	.132	.140	13,244.0	1,748.21	1,854.16	+ 105.95
Williamstown	17.10	184.3	4,566.18	.144	.140	31,699.6	4,564.74	4,437.94	– 126.80
Anchorage	17.79	30.6	711.70	.133	.140	5,263.2	700.01	736.85	+ 36.84
Uniontown	20.78	85.6	3,678.05	.250	.134	14,723.2	3,680.80	1,972.91	– 1,707.89
Caverna	21.63	309.1	5,878.85	.111	.129	53,165.2	5,901.34	6,858.31	+ 956.97
Van Lear	21.76	44.4	959.00	.125	.129	7,636.8	954.60	985.15	+ 30.55
Jenkins	25.85	459.4	9,120.08	.113	.114	79,016.8	8,928.90	9,007.92	+ 79.02

	1	2	3	4	5	6	7	8	9
Districts	Pupil Density	A.D.A. Trans.	1956-57 Bus. Opr. Cost + 1/8 Depreciation	Cost per Pupil per Day	Adjusted Cost per Pupil per Day (by chart)	A.D.A. Trans. on 172 Days	Agg. Days Trans. x Cost per Pupil per Day	Agg. Days Trans. x Adj. Cost per Pupil per Day	Difference Col. 8-7
Bardstown	28.50	456.6	$6,375.00	.080	.108	78,535.2	$ 6,282.82	$ 8,481.80	$+ 2,198.98
Raceland	31.56	172.0	4,543.42	.153	.104	29,584.0	4,526.35	3,076.74	- 1,449.61
Greenville	31.92	262.1	4,365.00	.096	.104	45,081.2	4,327.80	4,688.44	+ 360.64
Hazard	34.34	243.8	1,900.31	.045	.100	41,933.6	1,887.01	4,193.36	+ 2,306.35
Lexington	34.59	250.4	9,822.68	.228	.100	43,068.8	9,819.69	4,306.88	- 5,512.81
Danville	39.72	419.0	4,872.06	.067	.095	72,068.0	4,828.56	6,846.46	+ 2,017.90
Harlan	49.49	318.7	1,737.21	.032	.090	54,816.4	1,754.12	4,933.48	+ 3,179.36
Pikeville	49.82	196.3	3,343.42	.099	.090	33,763.6	3,342.60	3,038.72	- 303.88
S. Portsmouth	51.71	172.2	1,705.67	.058	.090	29,618.4	1,717.87	2,665.66	+ 947.79
Silver Grove	52.66	99.0	400.00	.023	.090	17,028.0	391.64	1,532.52	+ 1,140.88
Science Hill	53.30	53.3	1,349.23	.147	.090	9,167.6	1,347.64	825.08	- 522.56
Ferguson	56.11	134.1	2,133.22	.093	.090	23,065.2	2,145.06	2,075.87	- 69.19
Barbourville	56.19	127.0	1,750.00	.079	.090	21,844.0	1,725.68	1,965.96	+ 240.28
East Bernstadt	67.43	94.4	1,072.24	.066	.090	16,236.8	1,071.63	1,461.31	+ 389.68
Cold Spring	71.09	339.8	9,379.89	.152	.090	58,445.6	8,883.73	5,260.10	- 3,623.63
Williamsburg	73.23	219.7	1,967.07	.052	.090	37,788.4	1,965.00	3,400.96	+ 1,435.96
Vanceburg	75.59	154.2	1,800.00	.067	.090	26,522.4	1,777.00	2,387.02	+ 610.02
Campbellsville	91.70	376.9	4,040.95	.061	.090	64,826.8	3,954.43	5,834.41	+ 1,879.98
Paintsville	135.43	157.1	2,260.83	.084	.090	27,021.2	2,269.78	2,431.91	+ 162.13
Ravenna	145.75	58.3	1,447.61	.144	.090	10,027.6	1,443.97	902.48	- 541.49
TOTAL							$172,040.29	$151,491.02	$ -20,549.27

TABLE II-A

Table II-A shows a comparison of transportation allotments calculated for county and independent districts for the 1957-58 school year under the present formula and the proposed formula. Column 3 shows the difference in terms of money for the two formulas; whereas, column 4 shows the transportation allotment each district would receive under the proposed formula reduced to 86.04% to equal total transportation allotment for all districts as calculated under the present formula.

Districts	(1) 1957-58 F P. Trans. Allotment	(2) 1957-58 Proposed Formula Allotment	(3) Difference Col. 2 – Col. 1	(4) 86.04% X Col. 2
Clinton	$ 11,680.00	$ 16,022.97	$+ 4,342.97	$ 13,786.16
Cumberland	23,360.00	30,748.27	+ 7,388.27	26,455.81
Grayson	44,160.00	57,465.20	+ 13,305.20	49,443.06
Casey	38,080.00	49,546.53	+ 11,466.53	42,629.83
Crittenden	36,800.00	48,047.72	+ 11,247.72	41,340.26
Monroe	34,400.00	44,669.09	+ 10,269.09	38,433.29
Wolfe	20,000.00	27,092.06	+ 7,092.06	23,310.01
Livingston	32,960.00	44,224.98	+ 11,264.98	38,051.17
Butler	46,400.00	61,835.24	+ 15,435.24	53,203.04
Webster	36,000.00	47,470.97	+ 11,470.97	40,844.02
Lyon	24,480.00	31,989.42	+ 7,509.42	27,523.70
Owen	38,080.00	49,992.66	+ 11,912.66	43,013.68
Robertson	11,520.00	14,516.37	+ 2,996.37	12,489.88
Allen	40,960.00	51,629.67	+ 10,669.67	44,422.17
Trigg	44,000.00	58,665.33	+ 14,665.33	50,475.65
Breckinridge	58,560.00	73,617.84	+ 15,057.84	63,340.79
Hickman	24,960.00	32,922.19	+ 7,962.19	28,326.25
Metcalfe	32,000.00	41,976.65	+ 9,976.65	36,116.71
Caldwell	38,880.00	51,010.01	+ 12,130.01	43,889.01
Carlisle	19,840.00	24,936.16	+ 5,096.16	21,455.07
Hancock	22,560.00	29,218.19	+ 6,658.19	25,139.33
Wayne	36,640.00	47,688.44	+ 11,048.44	41,031.13
Green	33,280.00	42,837.91	+ 9,557.91	36,857.74
Nicholas	23,840.00	30,775.62	+ 6,935.62	26,479.34
Clay	42,880.00	55,194.97	+ 12,314.97	47,489.75
Spencer	23,200.00	29,499.20	+ 6,299.20	25,381.11
Adair	46,240.00	59,584.93	+ 13,344.93	51,266.87
Logan	68,320.00	90,355.87	+ 22,035.87	77,742.19
Menifee	23,840.00	29,383.76	+ 5,543.76	25,281.79
Ohio	76,000.00	93,912.52	+ 17,912.52	80,802.33
Bracken	25,600.00	32,771.06	+ 7,171.06	28,196.22
Union	34,080.00	43,762.06	+ 9,682.06	37,652.88
Fleming	44,160.00	56,776.24	+ 12,616.24	48,850.28
Lawrence	43,360.00	55,511.31	+ 12,151.31	47,761.93
Pendleton	35,520.00	45,753.34	+ 10,233.34	39,366.17
Rockcastle	34,720.00	44,386.32	+ 9,666.32	38,189.99
Lewis	57,440.00	72,955.45	+ 15,515.45	62,770.87
Nelson	53,760.00	68,369.24	+ 14,609.24	58,824.89
Estill	30,240.00	36,742.64	+ 6,502.64	31,613.37
McLean	34,720.00	42,401.44	+ 7,681.44	36,482.20
Washington	38,560.00	48,682.88	+ 10,122.88	41,886.75
Christian	89,280.00	113,045.28	+ 23,765.28	97,264.16
Pulaski	72,320.00	88,745.12	+ 16,425.12	76,356.30
Magoffin	31,360.00	38,159.75	+ 6,799.75	32,832.65
Harrison	40,800.00	52,970.70	+ 12,170.70	45,575.99
LaRue	36,480.00	44,142.49	+ 7,662.49	37,980.20
Ballard	34,240.00	41,666.74	+ 7,426.74	35,850.06
Owsley	22,240.00	27,093.61	+ 4,853.61	23,311.34
Todd	45,760.00	57,450.67	+ 11,690.67	49,430.56
Hart	59,840.00	71,982.41	+ 12,142.41	61,933.67
Grant	34,080.00	42,297.14	+ 8,217.14	36,392.46
Henry	38,880.00	47,947.55	+ 9,067.55	41,254.07
Calloway	52,000.00	62,646.53	+ 10,646.53	53,901.07
Scott	40,000.00	50,684.07	+ 10,684.07	43,608.57
Garrard	32,160.00	40,007.17	+ 7,847.17	34,422.17
Anderson	30,080.00	36,916.08	+ 6,836.08	31,762.60
Mercer	33,120.00	41,837.80	+ 8,717.80	35,997.24
Morgan	45,440.00	54,395.64	+ 8,955.64	46,802.01
Rowan	37,120.00	45,143.91	+ 8,023.91	38,841.82
Leslie	39,520.00	48,147.96	+ 8,627.96	41,426.50
Meade	40,800.00	49,467.37	+ 8,667.37	42,561.73

Districts	(1) 1957-58 F. P. Trans. Allotment	(2) 1957-58 Proposed Formula Allotment	(3) Difference Col. 2 – Col. 1	(4) 86.04% X Col. 2
Elliott	$ 33,280.00	$ 39,189.51	$+ 5,909.51	$ 33,718.65
Gallatin	15,040.00	18,356.96	+ 3,316.96	15,794.33
Shelby	54,240.00	65,278.08	+ 11,038.08	56,165.26
Barren	71,360.00	86,225.35	+ 14,865.35	74,188.29
Bourbon	44,480.00	54,881.55	+ 10,401.55	47,220.09
Carroll	19,680.00	23,411.20	+ 3,731.20	20,143.00
Graves	90,400.00	104,709.99	+ 14,309.99	90,092.48
McCreary	44,320.00	52,260.17	+ 7,940.17	44,964.65
Bath	42,880.00	50,680.13	+ 7,800.13	43,605.18
Whitley	65,120.00	76,736.49	+ 11,616.49	66,024.08
Simpson	38,880.00	45,836.28	+ 6,956.28	39,437.54
Jessamine	28,640.00	34,186.67	+ 5,546.67	29,414.21
Hopkins	80,640.00	93,683.65	+ 13,043.65	80,605.41
Fulton	22,720.00	26,530.93	+ 3,810.93	22,827.21
Warren	91,520.00	106,244.97	+ 14,724.97	91,413.17
Jackson	47,840.00	53,374.66	+ 5,534.66	45,923.56
Carter	55,360.00	63,792.63	+ 8,432.63	54,887.18
Powell	27,840.00	32,198.62	+ 4,358.62	27,703.69
Trimble	23,840.00	27,326.83	+ 3,486.83	23,512.00
Edmonson	41,600.00	46,211.41	+ 4,611.41	39,760.30
Taylor	43,520.00	49,606.24	+ 6,086.24	42,681.21
Breathitt	67,840.00	75,414.40	+ 7,574.40	64,886.55
Henderson	72,320.00	82,526.70	+ 10,206.70	71,005.97
Mason	42,240.00	47,654.60	+ 5,414.60	41,002.02
Clark	45,600.00	52,172.55	+ 6,572.55	44,889.26
Woodford	31,360.00	35,694.99	+ 4,334.99	30,711.97
Montgomery	36,480.00	41,421.69	+ 4,941.69	35,639.22
Lee	30,560.00	33,827.58	+ 3,267.58	29,105.25
Marion	59,840.00	65,806.68	+ 5,966.68	56,620.07
Madison	84,320.00	91,518.45	+ 7,198.45	78,742.47
Marshall	51,840.00	56,385.90	+ 4,545.90	48,514.43
Boyle	32,640.00	35,773.97	+ 3,133.97	30,779.92
Hardin	101,920.00	109,211.33	+ 7,291.33	93,965.43
Laurel	78,240.00	83,951.00	+ 5,711.00	72,231.44
Greenup	64,480.00	69,205.78	+ 4,725.78	59,544.65
Knott	44,640.00	47,702.77	+ 3,062.77	41,043.46
Muhlenberg	91,040.00	97,197.61	+ 6,157.61	83,628.82
Lincoln	67,520.00	71,340.66	+ 3,820.66	61,381.50
Daviess	94,240.00	99,339.49	+ 5,099.49	85,471.70
Russell	40,960.00	42,831.10	+ 1,871.10	36,851.88
Oldham	39,520.00	40,730.98	+ 1,210.98	35,044.94
Johnson	49,440.00	51,106.29	+ 1,666.29	43,971.85
Bullitt	51,360.00	52,592.20	+ 1,232.20	45,250.33
Letcher	60,800.00	63,263.04	+ 2,463.04	54,431.52
Perry	68,800.00	71,337.00	+ 2,537.00	61,378.35
Bell	71,200.00	72,620.46	+ 1,420.46	62,482.64
Martin	38,080.00	38,843.45	+ 763.45	33,420.90
Boone	54,400.00	55,959.51	+ 1,559.51	48,147.56
Franklin	51,200.00	52,735.20	+ 1,535.20	45,373.37
Campbell	36,000.00	38,318.50	+ 2,318.50	32,969.24
Harlan	120,480.00	129,350.54	+ 8,870.54	111,293.20
Floyd	111,520.00	118,519.35	+ 6,999.35	101,974.05
Knox	83,200.00	88,457.88	+ 5,257.88	76,109.16
Boyd	46,720.00	50,642.65	+ 3,922.65	43,572.94
Pike	226,400.00	242,957.57	+ 16,557.57	209,040.69
McCracken	78,080.00	85,260.06	+ 7,180.06	73,357.76
Fayette	129,920.00	145,922.39	+ 16,002.39	125,551.62
Kenton	75,520.00	85,178.18	+ 9,658.18	73,287.31
Jefferson	469,440.00	552,339.82	+ 82,899.82	475,233.18
Total	$6,324,960.00	$7,395,525.35	$+1,070,565.35	$6,363,110.01
Fulton	$ 320.00	$ 170.97	$ – 149.03	$ 147.10
Augusta	480.00	390.10	– 89.90	335.64
Carlisle	480.00	402.14	– 77.86	346.00
Louisville	4,160.00	3,409.73	– 750.27	2,933.73
Stanford	1,280.00	1,066.74	– 213.26	917.82
Eminence	1,920.00	1,842.12	– 77.88	1,584.96
Lancaster	1,440.00	1,276.24	– 163.76	1,098.08
Paducah	2,080.00	1,854.16	– 225.84	1,595.32
Cloverport	2,240.00	2,109.41	– 130.59	1,814.94
Central City	320.00	310.63	– 9.37	267.27
Springfield	3,360.00	3,282.10	– 77.90	2,823.92
Burgin	4,000.00	4,079.15	+ 79.15	3,509.70
Falmouth	640.00	563.47	– 76.53	484.81
Erlanger	1,120.00	1,112.50	– 7.50	957.20

Districts	(1) 1957-58 F. P. Trans. Allotment	(2) 1957-58 Proposed Formula Allotment	(3) Difference Col. 2 – Col. 1	(4) 86.04% X Col. 2
Scottsville	$ 1,600.00	$ 1,680.78	$+ 80.78	$ 1,446.14
Midway	4,160.00	4,346.44	+ 186.44	3,739.68
Pembroke	1,920.00	1,967.34	+ 47.34	1,692.70
Leitchfield	2,400.00	2,795.69	+ 395.69	2,405.41
Walton-Verona	7,200.00	7,561.12	+ 361.12	6,505.59
Liberty	2,560.00	2,788.46	+ 228.46	2,399.19
Shelbyville	8,160.00	8,907.19	+ 747.19	7,663.75
Benton	3,200.00	3,412.14	+ 212.14	2,935.81
Carrollton	1,760.00	1,854.16	+ 94.16	1,595.32
Williamstown	3,200.00	4,437.94	+ 1,237.94	3,818.40
Anchorage	640.00	736.85	+ 96.85	633.99
Uniontown	1,920.00	1,972.91	+ 52.91	1,697.49
Caverna	6,560.00	6,858.31	+ 298.31	5,900.89
Van Lear	960.00	985.15	+ 25.15	847.62
Jenkins	9,760.00	9,007.92	– 752.08	7,750.41
Bardstown	9,600.00	8,481.80	– 1,118.20	7,297.74
Raceland	3,680.00	3,076.74	– 603.26	2,647.23
Greenville	5,600.00	4,688.44	– 911.56	4,033.93
Hazard	4,960.00	4,193.36	– 766.64	3,607.97
Lexington	5,120.00	4,306.88	– 813.12	3,705.64
Danville	8,640.00	6,846.46	– 1,793.54	5,890.69
Harlan	6,560.00	4,933.48	– 1,626.52	4,244.77
Pikeville	4,160.00	3,038.72	– 1,121.28	2,614.51
S. Portsmouth	3,360.00	2,665.66	– 694.34	2,293.53
Silver Grove	1,920.00	1,532.52	– 387.48	1,318.58
Science Hill	1,120.00	825.08	– 294.92	709.90
Ferguson	2,720.00	2,075.87	– 644.13	1,786.08
Barbourville	2,560.00	1,965.96	– 594.04	1,691.51
East Bernstadt	1,920.00	1,461.31	– 458.69	1,257.31
Cold Spring	6,880.00	5,260.10	– 1,619.90	4,525.79
Williamsburg	4,480.00	3,400.96	– 1,079.04	2,926.19
Vanceburg	3,040.00	2,387.02	– 652.98	2,053.79
Campbellsville	7,680.00	5,834.41	– 1,845.59	5,019.93
Paintsville	3,200.00	2,431.91	– 768.09	2,092.42
Ravenna	1,120.00	902.48	– 217.52	776.49
Total	$ 168,160.00	$ 151,491.02	$ – 16,668.98	$ 130,342.87
GRAND TOTAL	$6,493,120.00	$7,547,016.37	$+1,053,896.37	$6,493,452.88