June 1, 1935

To the Committee on Graduate Study:

I submit herewith a thesis written by Miss Vera C. McCampbell, and entitled "An Educational Survey of the Elementary Schools of Grundy County, Tennessee," and recommend that it be accepted for nine quarter hours credit in partial fulfillment of the requirements for the degree of Master of Science, with a major in Education.

B. O. Duggan
Major Professor

At the request of the
Committee on Graduate Study,
we have read this thesis,
and recommend its acceptance.

Adams Phillips

Porter Claxton

Accepted by the Committee

Jos. Brent

AN EDUCATIONAL SURVEY OF THE ELEMENTARY SCHOOLS OF GRUNDY COUNTY, TENNESSEE

A THESIS

Submitted to the Graduate Committee
of
The University of Tennessee
in
Partial Fulfillment of the Requirements
for the degree of
Master of Science

By

VERA C. McCAMPBELL

June 1935

INTRODUCTION

The purposes of this thesis are: to study the elementary schools of Grundy County, Tennessee, through their contributive factors, the communities and the homes; to study the schools themselves and the teaching staff; and to offer, considering the facts ascertained, conclusions and recommendations for improvement.

To make such a study requires information concerning the communities, the homes, the schools, the teachers, and a comparison of Grundy County in some aspects with comparable counties in Tennessee. The following facts will be considered: assessed valuation of property and the tax rate, receipts and expenditures, number and types of schools, value of school property, scholastic population, number enrolled, average daily attendance, instructional costs, number, training, certification, and experience of teachers, salaries, consolidation and transportation.

In order to obtain the information necessary for this educational survey, questionnaires were sent to the teachers of the county in the fall of 1933 regarding their educational status and that of the school in which they were teaching. The annual report for 1933-34 of the county was made available by Superintendent Coleman H. Dykes, at that time superintendent of the Grundy County schools. In May, 1934, a personal visit was made to most

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of the thirty-five school communities of the county, and, with the courteous assistance of teachers and citizens, a community survey, which included the information used regarding the homes, was made.

Grateful acknowledgment is made to all persons who have contributed information contained in this thesis.

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CHAPTER I

HISTORICAL AND ECONOMIC BACKGROUND

History. A new county was formed on January 29, 1844, from parts of Warren and Coffee Counties and given the name of Grundy.[1] Felix Grundy, for whom it was named, was a distinguished lawyer of Tennessee. He was a learned man and an eloquent barrister. Not only was he highly respected, but he was also beloved by his clients and held in high esteem by his associates in politics, as is asserted by General Sevier in a letter written February, 1813, to General Robertson: "this your friend Grundy: he ought to be reelected; the district will never find a better representative should he be changed for another."[2]

Mr. Grundy, with others, had dealt extensively in the mountain lands of this county.[3]

Two residents from each section composing the new county: Adrian Northcutt and William Dugan, residents of Warren, and John Burrows and Alfred Braley, residents of Coffee, were appointed commissioners to organize Grundy County. Their appointment and the designation of

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1. Foster, Austin P., Counties of Tennessee, p. 61.
2. Putnam, A. W., History of Middle Tennessee, p. 602.
3. Foster, op. cit., p. 61.

Beersheba Springs as the place at which the first courts were to be held were contained in the act establishing the county. Beginning with the next session after the organization of the county court on August 6, 1844, sessions were held at the home of Jesse Wooten until October, 1848.[4] At this time Altamont was made the county seat. Later, because of an increased population in the vicinity of Tracy City, a branch court was established at this point in 1913. At that time there was only a dirt road leading to Altamont. Since there were no hotel accommodations, the people slept in the courthouse during court season.

The Tennessee Coal, Iron, and Railway Company was first located at Tracy City. This was in 1856. Some of the finest coal veins in the state were to be found in this locality, and numbers of mining people were attracted here. In 1884, the Tennessee Coal, Iron and Railway Company took advantage of the opportunity for leasing the prisoners at the state penitentiary at Nashville and transferred about one third of them to the mines at Tracy City. Two strong stockades had been built there.[5]

The working of convict labor cost the company much less than did the labor of the miners. Dissatisfaction was aroused among the miners when their services were no longer sought for. No attention was given to their complaints, which eventually took the form of threats. Trouble

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4. Foster, op. cit., p. 61.
5. McGee, Gentry R., A History of Tennessee, pp. 252-3.

began in July, 1891, and lasted nearly a year. For a long time the state authorities did not seem to understand how serious the conflict was. The miners released the prisoners twice and the second time burned the stockades. General Carnes' forces were then sent to the scene of disturbance and order was restored.[6]

Tracy City has a number of elegant old homes which testify to the wealth of some of its residents during its period of prosperity. One of its citizens, Colonel A. M. Shook, bore all the cost of the erection of the Shook School upon agreement that a nine-months school be held. The building cost $39,700. The first session of school was held in 1890 and was open to both elementary and secondary school pupils.

In order to finance Shook School a subscription was taken, asking fifty cents per month from single men and one dollar per month from those who were married. This extended through the calendar year. The mining company required all its men to participate. In 1915, this means of support was abandoned, and the town was incorporated. The corporation was abolished in 1931 to meet the requirement for participation in the Equalization Fund provided by the state.

A German military officer, Professor Plumacher, came to Tennessee toward the close of the Civil War and located at Nashville as professor of languages at Vanderbilt

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6. McGee, op. cit., pp. 253-4.

University. Many of the well-to-do people of that section frequented Beersheba Springs during the summer months, and Professor Plumacher joined them there. He was impressed with the high altitude, the climate, and the large tracts of cheap land, so he called the attention of Consul General Hitz in Washington to the location as ideal for Swiss immigrants. Consul General Hitz and Consular Agent Peter Staub, of Knoxville, in company with Christian Marugg, visited the locality in 1869 and bought about 10,000 acres of mountain land near Altamont. They had it surveyed and laid off in 100-acre tracts. Then, through advertisements in Switzerland, they interested the Swiss people in colonization. This colony in Grundy County was named Greutli. A previous colony had been established at Wartburg.

In 1874, the engineer and local leader, J. U. Bauer, was robbed and murdered. This began the disintegration of the colony. Many of the young people moved to the cities. Some of them intermarried with the natives. The old people died out. Now only one man, Peter Schild, is left of the original colony.

The Marugg Company, importers for Swiss and German blades, established in 1873, is located in Tracy City. These blades are sold to every state in the Union, and to Cuba, Mexico, and Canada. Hickory from Grundy County is used to make the handles.

These Swiss people have contributed largely to the economic development of the county.

The pleasant summer climate draws many visitors to the plateau for vacations. Beersheba Springs has been a summer resort since 1852. John Armfield, a Mississippi slave-owner, brought about 150 slaves to Beersheba to build the hotel and a road leading down the mountain towards Collins River. In the opposite part of the county is the Monteagle Assembly, a summer resort since 1882. There are 200 homes in the Assembly grounds, an auditorium seating 1,500 people, and one large hotel, besides other public buildings. These resorts and the people who visit them provide work for some of the mountain folk during the summer.

Location. Grundy County is bounded on the north by Warren County, on the south by Marion County, on the east by Sequatchie County, and on the west by Franklin and Coffee Counties. It is near the southern state line. Most of its 240,000 acres lie on the Cumberland Plateau, though a part of the northwest corner extends down to the Highland Rim.[7]

Topography. The general surface of the plateau is level or rolling, with high hills lying between the different streams.[8]

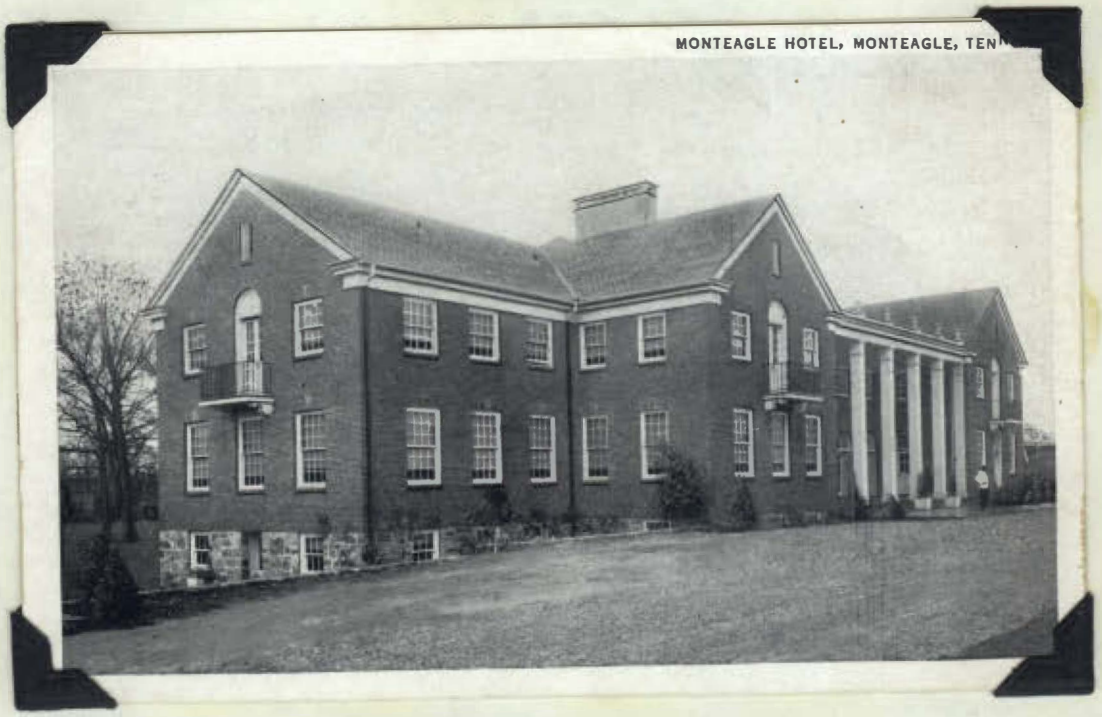
The area to the south and west of Tracy City has been cut into long, irregular, finger-like ridges, the tops of which are almost flat.[9]

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7. Nelson, Wilbur A., "The Southern Tennessee Coal Field," Bulletin 33-A
8. Ibid., p. 109.
9. Ibid., p. 108.



Ye Olde Beerahoba Hotel

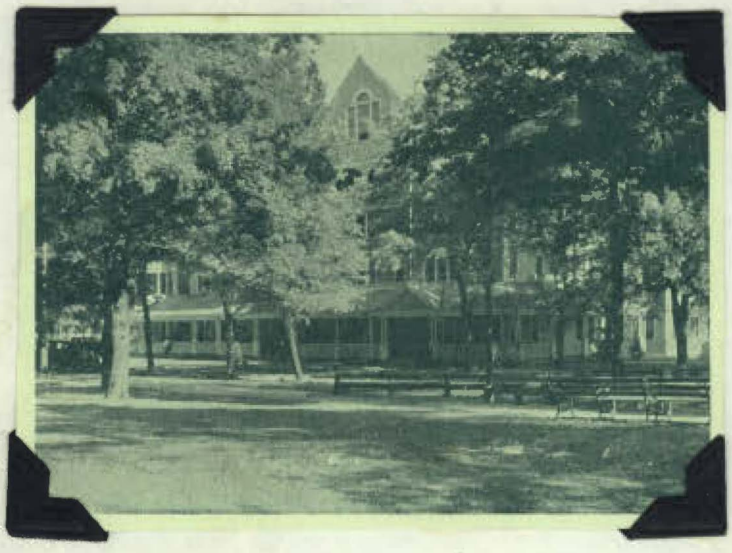


Monteagle Hotel

MONTEAGLE ASSEMBLY



The Auditorium



Assembly Inn on the Mall

DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

RECONNAISSANCE MAP

TENNESSEE
SEWANEE SHEET

(Hollow Springs) (Mc. Minnville) (Pikeville)

86°00′ 50′ 40′ 85°30′

35°30′ 20′ 10′ 35°00′

(Decherd 625500) (Chattanooga) (Scottsboro) (Stevenson) (Ringgold)

Hillsboro
Prairie Plains
Alto
Pelham
Sewanee
Natural Bridge
Monteagle
Table Rock
Beersheba Springs
Stone door
ALTAMONT
Gruetli
Tracy
Palisades
Dark Pt
Forest Pt
Raven Pt
Tatesville
Mill
Mountain
Whitwell
Victoria
Hutton
Inman
Sequatchie
JASPER
Oates Pt
Fullerton Bluff
Kimball
Shellmound
South Pittsburg
Ketchall
Comfort
Dove
Sherwood
COWAN TUNNEL
Prairie Plains 1016
Hillsboro 1055
Alto 1050
Pelham 972
Sewanee 1867
Natural Bridge
Monteagle 1931
Table Rock
Beersheba Springs 1838
Stone door
ALTAMONT 1923
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Henry Gannett, Chief Topographer.
Gilbert Thompson, Chief Geographer in charge.
Control Line and Topography by L. Nell and M. Hackett.
Surveyed in 1886, 1890 and 1893-94

Nell
Hackett

Scale 1/125,000
1 0 1 2 3 4 5 Miles

Contour Interval 100 feet.
Datum is mean Sea level

Edition of April 1895, reprinted 1930

Polyconic projection.

SEWANEE TENN.

THE TOPOGRAPHIC MAPS OF THE UNITED STATES

The United States Geological Survey is making a standard topographic atlas of the United States. This work has been in progress since 1882, and its results consist of published maps of more than 42 per cent of the country, exclusive of outlying possessions.

This topographic atlas is published in the form of maps on sheets measuring about 16½ by 20 inches. Under the general plan adopted the country is divided into quadrangles bounded by parallels of latitude and meridians of longitude. These quadrangles are mapped on different scales, the scale selected for each map being that which is best adapted to general use in the development of the country, and consequently, though the standard maps are of nearly uniform size, they represent areas of different sizes. On the lower margin of each map are printed graphic scales showing distances in feet, meters, and miles. In addition, the scale of the map is shown by a fraction expressing a fixed ratio between linear measurements on the map and corresponding distances on the ground. For example, the scale $\frac{1}{62,500}$ means that 1 unit on the map (such as 1 inch, 1 foot, or 1 meter) represents 62,500 similar units on the earth's surface.

Although some areas are surveyed and some maps are compiled and published on special scales for special purposes, the standard topographic surveys for the United States proper and the resulting maps have for many years been divided into three types, differentiated as follows:

1. Surveys of areas in which there are problems of great public importance—relating, for example, to mineral development, irrigation, or reclamation of swamp areas—are made with sufficient accuracy to be used in the publication of maps on a scale of $\frac{1}{31,680}$ (1 inch = one-half mile), with a contour interval of 1, 5, or 10 feet.

2. Surveys of areas in which there are problems of average public importance, such as most of the basin of the Mississippi and its tributaries, are made with sufficient accuracy to be used in the publication of maps on a scale of $\frac{1}{62,500}$ (1 inch = nearly 1 mile), with a contour interval of 10 to 25 feet.

3. Surveys of areas in which the problems are of minor public importance, such as much of the mountain or desert region of Arizona or New Mexico, are made with sufficient accuracy to be used in the publication of maps on a scale of $\frac{1}{125,000}$ (1 inch = nearly 2 miles), with a contour interval of 25 to 100 feet.

A topographic survey of Alaska has been in progress since 1898, and nearly 43 per cent of its area has now been mapped. About 10 per cent of the Territory has been covered by reconnaissance maps on a scale of $\frac{1}{625,000}$, or about 10 miles to an inch. Most of the remaining area surveyed in Alaska has been mapped on a scale of $\frac{1}{250,000}$, but about 4,000 square miles has been mapped on a scale of $\frac{1}{62,500}$ or larger.

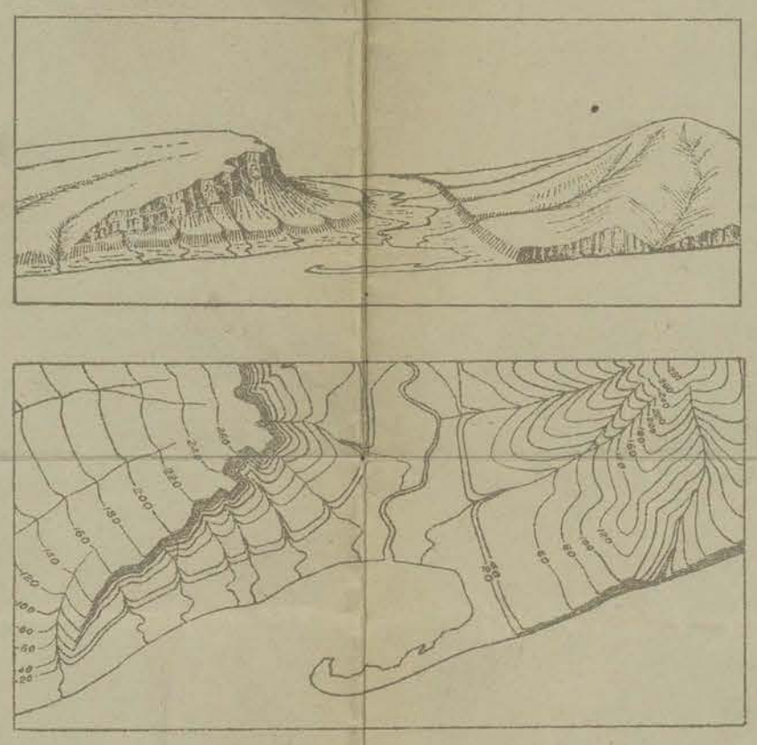
The Hawaiian Islands, with the exception of the small islands at the western end of the group, have been surveyed, and the resulting maps are published on a scale of $\frac{1}{62,500}$.

The features shown on these maps may be arranged in three groups—(1) water, including seas, lakes, rivers, canals, swamps, and other bodies of water; (2) relief, including mountains, hills, valleys, and other features of the land surface; (3) culture (works of man), such as towns, cities, roads, railroads, and boundaries. The symbols used to represent these features are shown and explained below. Variations appear on some earlier maps, and additional features are represented on some special maps.

All the water features are represented in blue, the smaller streams and canals by single blue lines and the larger streams, the lakes, and the sea by blue water lining or blue tint. Intermittent streams—those whose beds are dry for a large part of the year—are shown by lines of blue dots and dashes.

Relief is shown by contour lines in brown, which on some maps are supplemented by shading showing the effect of light thrown from the northwest across the area represented, for the purpose of giving the appearance of relief and thus aiding in the interpretation of the contour lines. A contour line represents an imaginary line on the ground (a contour) every part of which is at the same altitude above sea level. Such a line could be drawn at any altitude, but in practice only the contours at certain regular intervals of altitude are shown. The line of the seacoast itself is a contour, the datum or zero of altitude being mean sea level. The 20-foot contour would be the shore line if the sea should rise 20 feet. Contour lines show the shape of the hills, mountains, and valleys, as well as their altitude. Successive contour lines that are far apart on the map indicate a gentle slope; lines that are close together indicate a steep slope; and lines that run together indicate a cliff.

The manner in which contour lines express altitude, form, and grade is shown in the figure below.



The sketch represents a river valley that lies between two hills. In the foreground is the sea, with a bay that is partly inclosed by a hooked sand bar. On each side of the valley is a terrace into which small streams have cut narrow gullies. The hill on the right has a rounded summit and gently sloping spurs separated by ravines. The spurs are truncated at their lower ends by a sea cliff. The hill at the left terminates abruptly at the valley in a steep scarp, from which it slopes gradually away and forms an inclined table-land that is traversed by a few shallow gullies. On the map each of these features is represented, directly beneath its position in the sketch, by contour lines.

The contour interval, or the vertical distance in feet between one contour and the next, is stated at the bottom of each map. This interval differs according to the topography of the area mapped: in a flat country it may be as small as 1 foot; in a mountainous region it may be as great as 250 feet. Certain contour lines, every fourth or fifth one, are made heavier than the others and are accompanied by figures showing altitude. The heights of many points—such as road corners, summits, surfaces of lakes, and bench marks—are also given on the map in figures, which show altitudes to the nearest foot only. More exact altitudes—those of bench marks—as well as the geodetic coordinates of triangulation stations, are published in bulletins issued by the Geological Survey.

Lettering and the works of man are shown in black. Boundaries, such as those of a State, county, city, land grant, township, or reservation, are shown by continuous or broken lines of different kinds and weights. Good motor or public roads are shown by fine double lines, poor motor or private roads by dashed double lines, trails by dashed single lines.

Each quadrangle is designated by the name of a city, town, or prominent natural feature within it, and on the margins of the map are printed the names of adjoining quadrangles of which maps have been published. Over 3,300 quadrangles in the United States have been surveyed, and maps of them similar to the one on the other side of this sheet have been published.

The topographic map is the base on which the geology and mineral resources of a quadrangle are represented, and the maps showing these features are bound together with a descriptive text to form a folio of the Geologic Atlas of the United States. More than 220 folios have been published.

Index maps of each State and of Alaska and Hawaii showing the areas covered by topographic maps and geologic folios published by the United States Geological Survey may be obtained free. Copies of the standard topographic maps may be obtained for 10 cents each; some special maps are sold at different prices. A discount of 40 per cent is allowed on an order for maps amounting to $5 or more at the retail price. The geologic folios are sold for 25 cents or more each, the price depending on the size of the folio. A circular describing the folios will be sent on request.

Applications for maps or folios should be accompanied by cash, draft, or money order (not postage stamps) and should be addressed to

THE DIRECTOR,
United States Geological Survey,
Washington, D. C.

September, 1928.

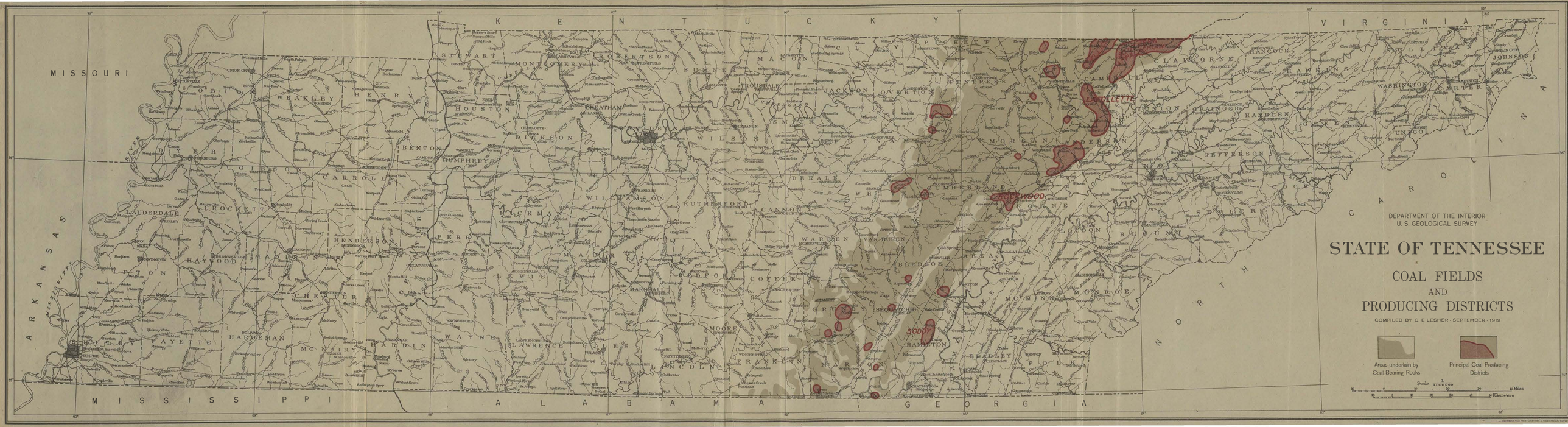
STANDARD SYMBOLS

CULTURE
(printed in black)

RELIEF
(printed in brown)

WATER
(printed in blue)

WOODS
(when shown, printed in green)


KENTUCKY
VIRGINIA
MISSOURI
ARKANSAS
MISSISSIPPI
ALABAMA
GEORGIA
NORTH CAROLINA
JACKSBORO
CROSSVILLE
SODDY
DEPARTMENT OF THE INTERIOR
U. S. GEOLOGICAL SURVEY
STATE OF TENNESSEE
COAL FIELDS
AND
PRODUCING DISTRICTS
COMPILED BY C. E LESHER - SEPTEMBER - 1919
Areas underlain by Coal Bearing Rocks
Principal Coal Producing Districts
Scale 1/1000000
Miles
Kilometers

The area around Tracy City and to the north and east of it, though indented by coves, is not cut up as much as are the southern and western sections of the county. For this reason the plateau surface becomes higher and there occur many hills of circumdenudation.[10] Tates Mountain is the highest hill of circumdenudation in the county. It is over 2,400 feet high and rises more than 400 feet above the plateau.[11]

> Going from the southeastern part of the county the rocks rise toward the west at the rate of about 20 feet to the mile. There is an especially sharp rise in the rocks between the gorge of Rain Creek and Altamont. The Pennington limestone outcropping in the stream on the west edge of town is 100 feet higher than it is two miles to the east on Rain Creek. At Allison Point about 9 miles west of Altamont the strata are 160 feet higher than at Altamont. This general rise of all rocks from the southeastern part of the county toward the west and northwest is the predominant structural feature.[12]

a. Streams. The drainage of the county is into the Cumberland River through its tributaries, Elk River on the west, and Collins River on the north and east, and into the Tennessee River through its tributaries, Battle Creek on the south, and Little Sequatchie River, a tributary of the Sequatchie River, in the southeastern corner. Most of the drainage is to the west and to the north and east. The division of the watershed is along

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10. Ibid., pp. 108-9.
11. Ibid., p. 109.
12. Ibid., p. 110.

the Nashville, Chattanooga, and St. Louis Railway, from one half mile west of Monteagle to Coalmont and then east and southeast to the corner where Grundy, Sequatchie, and Marion Counties join.[13] Several well-known falls, including Monteagle Falls and Bridal Veil Falls, occur to the south of Tracy City. These are found where Little Gizzard Creek drops off the plateau. There are few falls in the southwestern part of the county because of the gradual descent of slopes in that section.[14] The streams which flow on top of the plateau are practically dependent on rainfall; consequently, they seldom flow during the summer months.[15] In only one instance is waterpower used, and that is to operate a grist mill in Pelham Valley in the western section of the county.

b. Timber. During the past few years practically all of the valuable timber on top of the mountain has been cut, and the branches of the trees were left lying where they fell. Only on the sides of the mountain is any amount of good timber left.

Geology.

a. Rock formations.

> The formations outcropping in this county are all of the Carboniferous age. The lowest rocks exposed are the Mississippian series of which the Bangor formation forms the bottoms of the coves and the lower sides of the mountain. Above the Bangor limestone comes the Pennington shale, which here forms the top of the Mississippian. Above this occurs the Pennsylvanian series (Lee Group), which is divided into the Gizzard formation,

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13. Ibid., p. 107.
14. Ibid., p. 109.
15. Ibid.

containing the Warren Point sandstone lentil, Sewanee conglomerate, Whitwell shale, Herbert conglomerate, Eastland shale lentil, and Newton sandstone, this being the highest strata occurring in the county. [16]

b. Mineral resources.

The Sewanee coal-bearing area of the county is around Tracy City, north to Coalmont, and roughly westward and northwestward from a line drawn between these two points to the east boundary of the county. There is a large undeveloped area to the east of Coalmont, and south, southeast, and east of Gruetli. The railroad has been extended into this area and new mines opened. [17] One of the best areas of Sewanee coal on the Cumberland Plateau lies in this county, extending north and east of a line from Tracy City to Coalmont. [18]

The mines in the vicinity of Tracy City have now only a small output and are worked by contract. The Sewanee Iron and Fuel Company operates the Coalmont mines, none of which is large. The largest mines in the county are those located around Palmer and operated by the Tennessee Consolidated Coal Company. These mines were opened in 1918. [19]

Improvements.

a. Railroads.

This region is the first that was entered by the railroad. In 1855, the railroad was built from Cowan up the mountain to Sewanee. It was later extended to Tracy City on account of the excellent coal in that vicinity, and from this point numerous branches have been built to different mines. One branch which has now been abandoned was three and one-half miles long to Clouse Hill; one five miles to Pryor Ridge in Marion County,

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16. Ibid., pp. 110-111.
17. Ibid., p. 107.
18. Ibid., p. 122.
19. Ibid.

> and shorter ones to Ramsey Hill, East Fork, etc.; while the main line in 1904 was extended eight miles further to Coalmont and in 1918 extended 11 3/4 miles further to Palmer. At the same time a side line, known as the Campbell Branch, was built from the new main line to Freemont, a distance of 3½ miles. . . . Only one railroad, the Nashville, Chattanooga and St. Louis Railway, operates in this region, through their Tracy City Branch, which connects with the main line at Cowan, which is 87 miles from Nashville and 64 miles from Chattanooga, the two points where this road connects with other systems. [20]

b. Roads. According to Allan Shook, Road Commissioner in 1934, there are 72.3 miles of state highway, 31.4 miles of county secondary, 53.1 miles of district roads, and 82.4 miles of county roads. A five-cent levy is made for road maintenance. At this time the roads are in fair condition. From November 18, 1933, to March 31, 1934, the Civil Works Administration furnished labor for the roads and about 15 per cent of the material, the county furnishing the remaining material, equipment, and supervision.

c. Telephones. Telephone service is provided by the Dixie Telephone Company at Tracy City.

d. Telegraph service. Monteagle has the only telegraph service in the county.

e. Electricity. The Tennessee Electric Light and Power Company supplies electricity to Pelham, Mountainview Crossroads, Monteagle, Summerfield, Tracy City, Coalmont, Torbett, and Palmer.

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20. Ibid., pp. 109-110.

Population.

a. Changes in population.[21]

Census Year	Population
1860	3,093
1870	3,250
1880	4,592
1890	6,345
1900	7,802
1910	8,322
1920	9,753
1930	9,717

b. Towns and villages. This is a rural county, having no cities, only one town, Tracy City, and four villages, Monteagle, Coalmont, Altamont, and Palmer. Palmer is incorporated by the Tennessee Consolidated Coal Company, which owns all property within its limits. Its population in 1930 was 1,158.[22] Tracy City is no longer incorporated. That part of Monteagle within the Assembly grounds has its own corporation.

Industries. The lumber and coal industries of the county constitute its main sources of income. No correct estimate of the output of the lumber industry could be obtained. The Werner Lumber Company at Tracy City is the largest lumber company in the county. There are a number of smaller mills. Much of the mountain timber has been sold as 'acid' wood.

In 1930, according to the eighth Annual Report of the Department of Labor of Tennessee, the county

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21. U. S. Census Reports, 1860-1930.
22. Allred, C.E., Atkins, S.W., and Hatfield, G.H., The University of Tennessee Record, Extension Series, Knoxville, Tennessee, 1929.

produced 314,483 short tons of coal, and 3,239 short tons of this amount were coked. The total value of the output was $574,644. The value per ton was $1.83.

Other Business. County Court Clerk, Charles W. Smith has reported that there are thirty-eight stores of general merchandise and two drug stores in the county. There are also four barber shops, five butcher shops, two shoe shops, two blacksmith shops, two licensed garages, two weekly newspapers, one bakery, one bottling company, three lumber companies, one water mill, one handle factory, one undertaking establishment, and many filling stations.

Financial Report.

a. Banks. The following information about the First National Bank and the Coalmont Savings Bank, as listed below, was furnished by their respective cashiers in May, 1934:

First National Bank, Tracy City

Capital stock	$ 25,000.00
Surplus	16,600.00
Deposits	241,770.96
Loans to farmers, estimated	2,000.00
Per cent of stock owned by farmers	
Number of farmers who are bank directors	
Number of farmers having deposits	25
Number of farmers having savings accounts	

Coalmont Savings Bank, Coalmont

Capital stock	15,000.00
Surplus	4,454.93
Deposits	39,114.60
Loans to farmers	2
Per cent of stock owned by farmers	
Number of farmers who are bank directors	
Number of farmers having deposits	3
Number of farmers having savings accounts	

b. Property. The information regarding the property of the county was given by Charles W. Smith, County Court Clerk, in May, 1934.

Property

Number of town lots	805
Value of town lots	$ 429,731
Number of acres of land	277,091
Value of land	$1,295,906
Value of personal property less $1,000.00	433,124
Total real, personal, and all other property	$2,158,761
Poll tax	$ 982
Total value public utilities, Tracy City	$ 89,735
Total value all public utilities	453,081

c. Indebtedness. The following information concerning the indebtedness of the county was submitted in May, 1934, by County Judge, John Gallagher:

Indebtedness

Issue, July 1, 1919, 5½% Road Bonds	$ 115,000
Issue, June 1, 1927, 6% Int. warrants	7,000
Issue, June 1, 1927, 5½% High School Bonds	25,000
Issue, Feb. 1, 1931, 6% Funding Bonds	30,000
Issue, July 1, 1933, 6% Refunding Bonds	33,000
Total	$ 210,000
Less re-imbursement from state as provided by 1927 Acts of General Assembly as amended by Acts of 1931	146,707
Net bonded indebtedness	$ 63,292

Occupations. The number of persons ten years old and over who in 1930 were engaged in gainful occupations is listed below. The figures show the number of both white and colored persons engaged in each occupation.

Occupations

	White	Colored
All industries	2,846	84
Agriculture	722	6
Farmers (owners and tenants)	421	2
Farm managers and foremen	2	

Occupations (continued)[23]

	White	Colored
Farm laborers	299	4
Wage workers	210	4
Unpaid family workers	89	
Forestry	64	
Extraction of minerals	711	
Building industry	54	1
Chemical and allied industries	13	8
Clay, glass, and stone industries	28	1
Food and allied industries	18	
Automobile factories and repair shops	7	
Iron and steel industries	7	
Saw and planing mills	227	1
Other woodworking and furniture industries	86	
Paper, printing, and allied industries	5	
Cotton mills	1	
Knitting mills	1	
Other textile industries	2	1
Independent hand trades	17	1
Other manufacturing industries	12	
Construction and maintenance of streets, etc.	143	51
Garages, greasing stations, etc.	13	
Postal service	11	
Steam and street railroads	65	
Telegraph and telephone	8	
Other transportation and communication	24	1
Banking and brokerage	7	
Insurance and real estate	5	
Automobile agencies and filling stations	4	
Wholesale and retail trade, except automobiles	129	
Other trade industries	1	
Public service (not elsewhere classified)	18	
Recreatio and amusement	6	
Other professional and semi-professional	110	1
Hotels, restaurants, boarding houses, etc.	38	2
Laundries, cleaning and pressing shops	3	
Other domestic and personal service	111	10
Industry not specified	178	1

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23. U. S. Census Report, 1930.

Rank. The following statistics show Grundy County's rank in the state in the year mentioned.[24]

Rank		Amount
62	In size area in square miles (1926)...	375
	Shelby County is largest with.....	801
	Trousdale is smallest with.....	106
82	In population per sq. mile (1926).....	29
	Davidson is largest with.....	352
	Van Buren is smallest with.....	9
77	In total population per county (1926).	10,700
	Shelby is largest with.....	244,500
	Van Buren is smallest with.....	2,600
11	In percentage of increase in total population, 1910 to 1920.....	17.2
	Unicoi is largest with.....	40.5
	Houston is smallest with.....	0.2
82	In total assessed value of all property (1928).....	$2,866,000
	Shelby is largest with.....	$323,344,000
	Pickett is smallest, with.....	$1,093,000
53	In percentage of total assessed valuation of public utilities (1928).....	15.6
	Polk is largest with.....	48.3
	Hancock is smallest with.....	0.0
70	In total banking resources (1928)...	$831,000
	Davidson is largest with.....	$128,596,000
	Union is smallest with.....	96,000
82	In total value of wealth-producing products (1924).....	$1,332,000
	Shelby is largest with.....	$58,551,000
	Van Buren is smallest with.....	324,000
38	In number of income tax returns (1926).....	40
	Shelby is largest with.....	10,884
	Meigs, Pickett, and Union are smallest with no returns.....	00

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24. Allred, Atkins, and Hatfield, op. cit., pp. 20, 25, 26, 29, 44, 55, 69, 93, 105, 107, 134, 142, 149, 153.

Rank (continued)

Rank		Amount
82	In total county taxes levied (1928)..	$ 325,680
	Shelby is largest with.....	41,070,240
	Moore is smallest with.....	90
7	In per cent increase in business development as measured by state tax collected from privileges, 1923-1928	158.9
	Carter is largest with.....	410.0
	Macon is smallest with.....	0.4
93	In number of farms (1925).....	600
	Gibson is largest with.....	7,200
	Van Buren is smallest with.....	400
90	In value of farm land per acre (1925)	$11
	Lake is largest with.....	81
	Fentress is smallest with.....	8
94	In farm population (1925).....	3,362
	Shelby is largest with.....	32,523
	Van Buren is smallest with.....	2,200
88	In number of cattle of all kinds (1925)	3,000
	Wilson is largest with.....	27,000
	Lake is smallest with.....	1,000

CHAPTER II

COMMUNITIES

Introduction. The community as used in this chapter represents the school and the homes within its province. There are thirty-five school communities in Grundy County. Two of these are located at Pelham and will be considered as a community unit.

The Monteagle school serves the Marion County school population of Monteagle as well as that of the county in which it is located; in this way the part of Marion County within the school radius is included.

There are twenty-nine rural communities and, as has been stated before, four villages and one town in the county.

The material for this chapter was obtained by means of a questionnaire sent to the principal of each school and followed a few weeks later by visits to the majority of the communities and to the principals of several of the schools. Inability to obtain a report of the Nyack community, which is difficult to reach, leaves thirty-three communities as the basis for this summary.

Accessibility. Grundy County is fortunate in having a good road system. Besides the United States

and State Highway No. 41, running through Pelham and Monteagle, and State Highway No. 56, traversing the length of the county, there are 167 miles of county roads. Twenty-five communities are easily accessible all of the year, while four others have roads which are only fair. There are still communities in the more remote sections of the county whose roads are practically impassable during the winter months. Four instances of this have been noted.

a. Distance from postoffice. Twenty-three of the communities average a distance of 5.6 miles from the postoffice. One community is 19 miles away. This and other communities far removed from the offices are served by rural delivery. Nine communities have postoffices located in their midst.

b. Distance from railroad. The railroad passes through eight communities, while twenty-five others are an average of 6.2 miles from it. Until recent years the county was dependent upon the railroad for passenger service as well as for the transportation of its coal and timber. The trains need no longer carry coaches, however, and considerable coal and timber are moved by truck.

c. Distance from county seat. The average distance of the thirty-three communities from the county seat is 10.8 miles.

d. Distance from county centers. Until a few years ago, travel in Grundy county was slow and difficult. Ten years ago, the best mode of travel, especially

in the winter, was by horseback. The dirt roads have gradually given way to surfaced ones, and with automobiles distance is no longer a problem. The following table shows the average distance of the communities from the chief centers of the county:

TABLE I. AVERAGE DISTANCE OF THE COMMUNITIES FROM THE FOUR CHIEF CENTERS OF THE COUNTY*

CENTER	DISTANCE
Altamont	11.6 miles
Coalmont	12.5 miles
Palmer	19.4 miles
Tracy City	15.2 miles

*Although Monteagle has a larger population than Altamont, it is not included in the table since none of the banks or public buildings is located there.

Topography. A large portion of the county is part of the Cumberland Plateau. The Pelham and Collins River Valleys, along with numerous coves, have soil sufficiently fertile for good farming. The soil on top of the mountain is thin. Ten communities are mountainous, nine are hilly, seven are rolling, and seven are level.

Streams run through twenty-one communities. They are mostly branches and small creeks dependent upon rainfall for their supply of water. Elk River flows through

Pelham Valley in the western part of the county, and Collins River flows through the valley in the eastern section.



Pelham Valley, Showing Highway No. 4, Facing the Cumberland Plateau



Pelham Valley, Showing the 'Fingers' of the Cumberland Plateau

Racial Descent. The population of the communities consists chiefly of persons of Anglo-Saxon descent. Individuals of Swiss lineage may be found in eight communities, while three others have a few negroes among their inhabitants. There is a small negro settlement at Pelham, one family of negroes at Tracy City, and a few of them at Coalmont, where they tend the coke ovens.

Occupations. Although this is a rural county, seven communities have no farms. These are mostly mining communities. Mining and lumbering still furnish a considerable income for the people, though the income is much less than it was a few years ago. Farming is the chief occupation of the people in the coves and the valleys. The sale of livestock furnishes the ready cash for most of the farmers. Neither buying nor selling is done cooperatively. From the data furnished by one half of the communities regarding the percentage of pure-bred poultry and livestock in their communities, the following average is submitted: pure-bred poultry, 32.6 per cent; pure-bred cattle, 28 per cent; and pure-bred hogs, 27.6 per cent. Only one flock of sheep was listed. There are quite a few goats in the county. Whether they are pure-bred is unknown. The Swiss people make and sell Swiss cheese. One woman alone made 600 pounds of cheese last year.

There are no industries taking on more workers, according to Miss Katherine Frazier, Administrator and Relief Director for Grundy County. In July, 1934, she reports 1,167 families on the relief roll. The relief

authorities are providing temporary work projects, such as tending a community garden, working on an airport, and on sanitary jobs.



Collins River Valley



Pelham Valley

Figure 1 shows the various sources of income and the number of communities partly dependent upon each source as it was reported by the communities. A community usually has more than one way of making a living. For instance, farming and trucking are found in the same community; and communities formerly gaining their incomes through mining now find themselves partly dependent on government aid, etc.

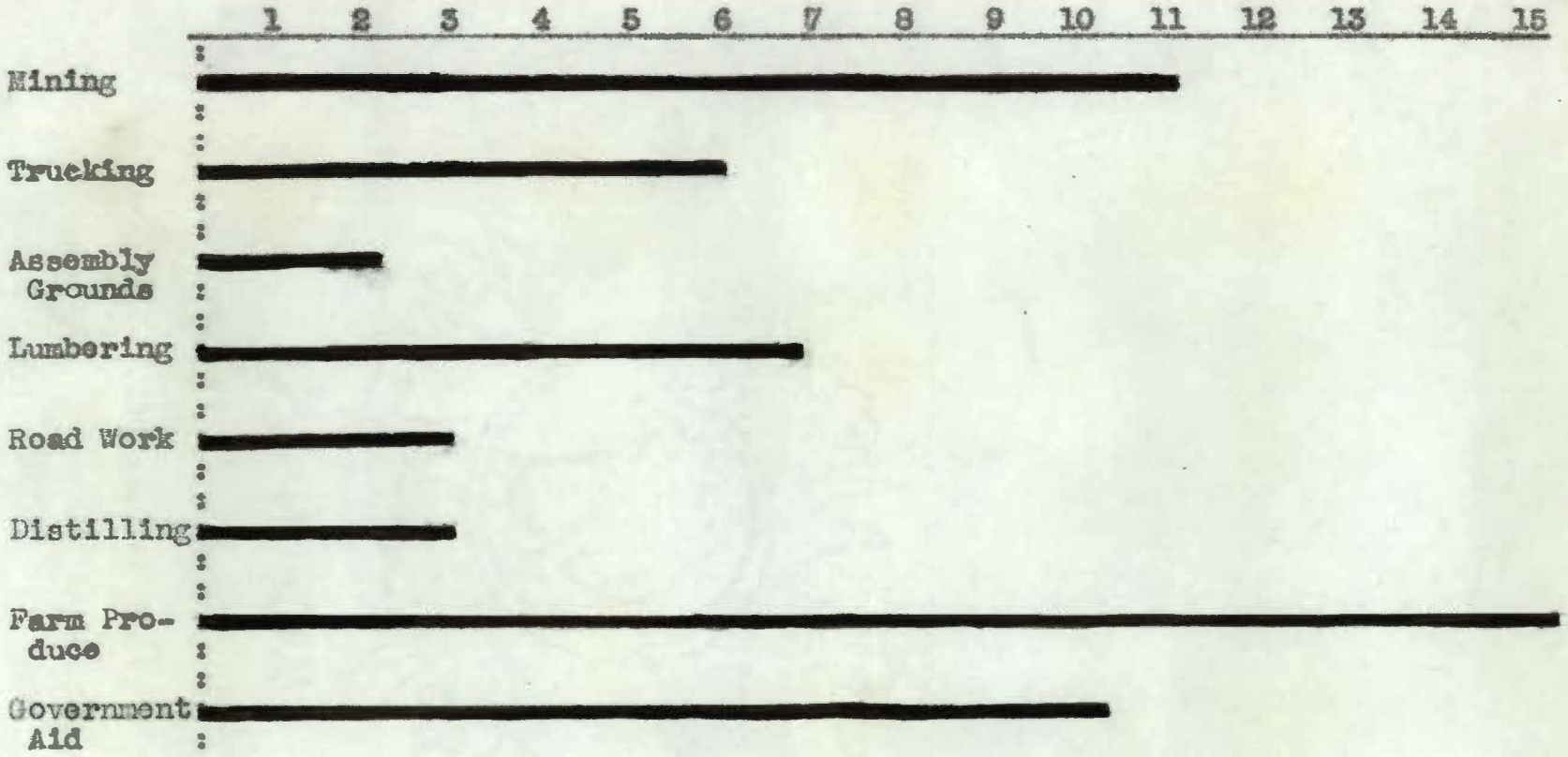


Figure 1. Sources of Income and the Number of Communities Partly Dependent on Each Source.

TWO VIEWS OF CAMP UNAKA, A CAMP FOR GIRLS

LOCATED NEAR MONTEAGLE





Recreational Activities. The recreation of the county is provided by only a few communities. Good roads and automobiles make it possible for individuals from other communities to share in their pleasures; nevertheless, the communities as a whole have no recreational outlet. A county fair and a county singing convention are held at Tracy City annually.

a. Commercial entertainment. The schools and the moving picture shows provide the only commercial entertainment except during the summer months, when the Monteagle Assembly offers golf, swimming, and tennis as well as moving pictures.

b. Free entertainment. A few communities have picnics, parties, dances, and community meetings as forms of recreation. The churches do very little for the social life of their people. Some of them have young peoples' societies, and some have picnics and class parties occasionally.

Tracy City combines recreation and culture in its Music Club and its Book Lovers' Club. Palmer has a Garden Club and an annual flower show. There is a large troup of Boy Scouts at Tracy City and a branch troup at Coalmont. Summerfield has a Girl Scout troup. Several communities have 4-H and Future Farmer clubs for boys. Four communities are reported to have 4-H clubs for girls.

Hunting seems to be the favorite sport for all the communities. One community, Mount Vernon, has a hawking club. Fishing and swimming are forms of recreation in one half of the communities.

Morality. The general tone of morality is good. This is reported to be true in twenty-five communities. Two others consider it only fair in their communities, while six others are said to be greatly in need of moral uplift.

Drinking seems to be the agent most detrimental to the moral good of the county. Along with this goes illicit distilling. Other harmful agents listed are idleness, stealing, labor agitations, and sexual immorality.

Churches. There are fifty-two congregations in the thirty-three communities. No correct estimate of the membership of the churches is possible, since the members of only thirty-eight congregations have been known. There is an average of 5.2 members for these thirty-eight congregations.

a. Denominations. Table II shows the different denominations and the number of congregations representing them; also the average membership for the congregations as based on the thirty-eight congregations reported.

TABLE II. DENOMINATIONS AND NUMBER OF CONGREGATIONS REPRESENTING THEM; AVERAGE MEMBERSHIP PER CONGREGATION

Denominations	Number of Congregations	Average Membership per Congregation
Methodist	16	81.5
Church of Christ	13	42.2
Episcopal	7	35.0
Baptist	3	43.7
Adventist	1	22.0
Nazarene	2	17.5
Mormon	1	40.0
Cumberland Presbyterian	1	30.0



An Episcopal Chapel



A School and Church for Colored People

NIGS



Du Bose Memorial Church Training School
Monteagle, Tennessee



Wonder Cave - The Inferno - Monteagle,
Tennessee

b. Ministers. The ministers live in only sixteen of the communities. The majority of them are on a circuit. While a few of them are on small salaries, in most instances a free-will offering is taken for them at the services.

As a rule, they have made no study of rural economic or social problems. Education is favored by the ministers serving twenty-six of the churches, and fourteen of them actively sponsor its cause in their churches, in their visits to the schools, and in their help to the Parent-Teacher associations in the communities. The ministers of six communities are reported to be disinterested in education. This seeming indifference to the interests of the schools may be partly explained by the distance some of them live from their charges and the difficulty they may have in visiting them, since only a few of the ministers have automobiles.

c. Services. Preaching services are held each Sunday in seven churches. It is more customary to have services twice a month, however, as is indicated by twenty churches. Eight churches have preaching once a month; one, three times a month; one, twice a week; and eight, at irregular intervals.

The Sunday School is conducted separately by twenty churches, while there are union Sunday Schools in ten communities. Seven communities have no Sunday Schools.

The school building at Gruetli, in which the community held its religious services, burned recently. No other has taken its place.

Individual revivals are held once a year by twenty-three churches. Five communities have union services. Four congregations have more than one revival a year.

d. Buildings. Twenty church buildings are frame, one is log, two are stone, and one is brick. The schools in six communities are used for Sunday services and the community house is used in one other.

Cooperation. Factions in six communities are described as legal, family, economic, or religious. The churches mark the divisions in several of the communities which are reported as not working together. These divisions are not due to enmity, but to a lack of proper leadership, which is necessary to unify a community. A need for religious leadership is expressed by twenty-six communities.

Health. The organized health work of this county was established in 1927, with a sanitary officer and a doctor to inoculate the school children. In 1931, the county joined in a tri-county, full-time health unit, with a doctor, a nurse, a sanitary officer, and a clerk. This health unit was composed of Grundy, Sequatchie, and Bledsoe Counties. In July, 1933, the sanitary officer was dropped, and, in January, 1934, Sequatchie County withdrew and the clerk was dropped. The doctor and nurse work now in

Grundy County only, since Bledsoe County set up its own health unit in 1932. The services of the health officer are only partly financed by the county, the state sharing the expense. The nurse is paid by the state and the Federation of Women's Clubs of Tennessee.

The health officer and nurse, both of whom are deeply interested in a good health program for the county, are of inestimable value to its citizens. Their efforts to teach the people the need of such a program and to arouse in them an active interest in its behalf are probably worth as much to the county as are the tuberculosis and pre-school clinics, the typhoid and diphtheria inoculations and the smallpox vaccinations given at the schools, the inspection of water supplies, laboratory work, etc. The county owes a large part of its good health to the untiring efforts of its doctor and nurse.

Twenty-eight communities are an average of 5.4 miles from a doctor. Six of these communities are more than ten miles from medical aid. It is usually the more remote communities which are farthest from a doctor. There are doctors at only five points in the county. Pelham has two doctors, one of whom is the health officer. Palmer has a young doctor who is employed by the Tennessee Consolidated Coal Company. Monteagle has three doctors; Coalmont has one; and Fultz Cove has one. Four of these doctors are known to be elderly men.

There is no hospital in the county. The one nearest the majority of the communities is at Sewanee, Tennessee, in Franklin County.

The county has one dentist, located at Tracy City. He spends one day a week at Palmer.

Community Contentment. There is always a percentage of the population of every community which is content with conditions, whatever they may be. There are those, also, who find fault with existing conditions but who do nothing to improve them. There are still others who work continually for the advancement of their community. These persons are not satisfied to have their community 'mark time.' It is the predominance of the latter type in a community which determines the standards for and the welfare of that community. It seems scarcely fair to such persons that their communities are often slow to catch a vision of better things and, as a result, are considered lacking in the divine discontent which is necessary for improvement.

Twenty-five communities are listed as being satisfied with the social conditions of their communities and twenty-four as being satisfied with their schools.

CHAPTER III

HOMES

Introduction. A community consists largely of the homes within its boundaries. Especially is this true in the more remote sections where a store, a postoffice, and a church are the only other buildings. The temper of a community is determined by its type of home life, and the type of home life is dependent upon the economic status of the family and upon its mental, moral, and physical background. If our homes could have dependable incomes, and we could teach people how to spend those incomes wisely, the problem of raising the standard of a community would be solved to a great extent.

The information contained in this chapter was secured from the survey which was made of thirty-three communities of Grundy County.

Ownership. The Palmer community is a mining town in the precincts of which all property is owned by the Tennessee Consolidated Coal Company. Figure 2 represents the number of communities and the percentage of home ownership in these communities. It is noteworthy that in twenty-eight of the thirty-three communities the people own 45 per cent or more of the homes, and that in one third of the communities they own between 85 and 95 per cent of the homes. It has been observed that although the houses

are often small and poor, they are usually occupied by the owner.

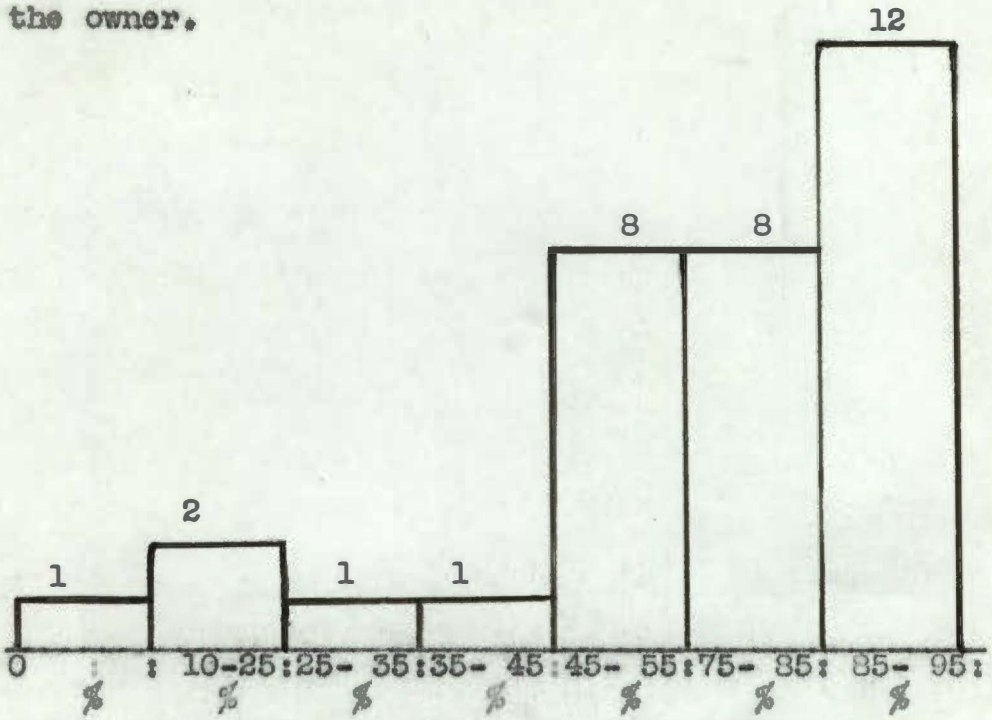


Figure 2. Percentage of Home Ownership in the Communities. *

*The figures below the chart show the percentages and the ones above show the number of the communities.

Conveniences.

a. Water systems. Ten communities have a total of 118 homes having an indoor water supply.

b. Lighting. Only ten communities report homes having lighting systems of any kind. Electricity is available for eight communities.

c. Sanitation. There is still need of much improvement in the way of sanitation all over the

county, but sanitary conditions have greatly improved since the county has had a health unit.

1. Screens. More than one half of the communities, nineteen, have less than 50 per cent of their homes well screened. Seventy-five of the homes in four communities, and 85 to 90 per cent of the homes in two communities are screened.

2. Toilet facilities. The toilets in thirteen communities are fairly good, while those of ten communities are poor. The homes of one community have no toilets.

d. Telephones. Twenty communities have telephone service in a store or in some of the homes, sometimes in both. Five of them report the service to be good; six, fair; and nine, poor.

e. Automobiles. The county has 536 passenger cars and 98 trucks licensed in 1934, according to the report of County Court Clerk, Charles W. Smith.

f. Improvements.

1. Homes. The scarcity of money has greatly curtailed both home repair and home improvement. Eighty-one homes in nineteen communities have been painted within the past five years.

2. Yards. When driving through the county one finds the yards of the homes to be clean, but many of them need flowers and shrubbery to make them attractive. The yards of three communities are said to be

in a bad condition, while those of eleven communities are in fair condition, and those of eighteen others are well cared for.

Recreation and Culture. In the previous chapter on the communities of Grundy County, the recreational facilities of the county were found to be inadequate. The youth of the county need more well-directed recreational organizations throughout the county, and the older people, too, need more opportunities for enjoyment.

There are four community and nine school libraries in the county. The Book Lovers' Club of Tracy City lends books to its members, and non-members have the same privilege by paying a small fee.

The usual type of farm and home magazines prevails throughout the county. A smaller number of general periodicals are subscribed to.

A total of 641 daily newspapers is taken by the people of twenty-two communities. Forty-five per cent of the homes are subscribers. There are two county newspapers which are published weekly. They have a total of 127 subscribers in twenty-one communities. A county paper is taken by 45 per cent of the families in five other communities. No paper is taken in three of the communities.

Family Finances. Grundy is a rural county which, until recently, has depended upon its resources for a livelihood. During the years of the depression there has been little demand for, and less money from, these resources,

and a large percentage of the families of most of the communities have been, at least in part, dependent upon government aid.

a. Sources of income. Mining, trucking, livestock, and lumbering are the chief sources of income. During the summer months a number of men and women of both Monteagle and Summerfield are furnished work by the Monteagle Assembly. The men and women receiving government aid, unless disabled, are employed on various county relief projects.

b. Food supply. Nearly every home in the twenty-eight communities reported having a garden a part of the year. From 1 to 50 per cent of the families in thirteen communities and from 50 to 100 per cent of the families in fourteen communities have gardens during most of the year. An average of 10 per cent of the homes in six communities have no gardens.

General Needs of the Homes. The general needs of the homes and the number of the communities feeling these needs most are as follows: money, eighteen; a desire for self- and home-improvement, thirteen; employment, three; leadership, one; sanitation, one; better homes, conveniences and food, three; better knowledge of spending money, one.

TWO HOMES IN THE SUMMERFIELD COMMUNITY





TWO EXAMPLES OF POOR HOMES





CHAPTER IV

ELEMENTARY SCHOOLS

History of Education in Grundy County. Very little has been published on the early schools of Grundy County. The first efforts at education were disorganized, and the early school reports were inaccurate, we are led to believe from their wide variance.

From the first report of the Superintendent of Public Instruction, published in 1869, we find that the state receipts totaled $2,712.00; that the salary of the superintendent was $81.00; and that the expenditures were $937.00. The scholastic population was made up of 933 white school children. There were sixteen schools, sixteen teachers, and 650 children enrolled in the schools. The length of the school term and the salaries of the teachers were not given.[1]

In 1883 the state receipts were $510.00; the county receipts, $4,480.00; the amount on hand at the beginning of the year, $2,294.00; and the total receipts, $7,289.00. The expenditures were $3,657.00. The superintendent's salary was $50.00; the average salary of the

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1. Superintendent of Public Instruction, First Report, 1869, pp. CLXXXXV, CLXXXXVIII, CCI, CCIV.

teachers per month, $29.00; and the value of the school property, $650.00. The scholastic population for that year included 2,047 white, and thirty colored children. There were thirty white teachers and one colored teacher employed. The length of the school term was ninety days. The total enrollment was 1,650 white, and nineteen colored children.[2]

Although all the reports of the earlier years of the Grundy County schools are neither complete nor probably accurate, it is evident that education was able to make only slow progress with the low enrollment compared to the scholastic population, the three- or four-months school term, and the poorly-paid superintendent and teachers.

The Present Elementary School System. The remainder of this chapter will deal directly with the elementary schools of the county as they are to-day. The county has no town, city, special, or independent districts. All the schools are financed and governed alike.

The Elementary School Plant. The total value of school property belonging to Grundy County in 1933 was estimated at $96,651.00. Of this amount, $96,191.00 was for white schools and $460.00 was for the one colored school.[3]

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2. State Superintendent of Education, Tennessee School Report, 1883, pp. 23, 27, 32, 36, 39, 42, 47.
3. Dykes, Coleman H., Annual Report, 1933.

a. Buildings.

1. Number and kind. During the school year of 1932-33, Grundy County operated thirty-six elementary schools. Of this number, one was operated for colored children. Of the schools for white children, fifteen were one-teacher, fifteen were two-teacher, and five were three-or-more-teacher schools. The colored school was a one-teacher school.

Four of the one-teacher white schools had two rooms, and eleven were one-room buildings. Three of the two-teacher schools had three rooms, nine of them had two rooms, and the other three had one room each. Of the five three-or-more-teacher schools, one had three rooms, one had five rooms, one had seven rooms, one had eleven rooms, and one had thirteen rooms.

The one-teacher colored school was a one-room building.

Five of the one-teacher white schools, one of the two-teacher schools, and three of the three-or-more-teacher schools were erected prior to 1900.

The colored school has been erected since 1930.

One of the one-teacher school buildings was of brick, thirteen were frame, and one was constructed of logs. All of the two-teacher schools were frame buildings. Of the five three-or-more-teacher schools, three were of brick and two were of frame construction.

TWO SCHOOLS LOCATED AT TRACY CITY,
TENNESSEE



Grundy County High School
(This building was burned in 1935)



James K. Shook School

TABLE III. CLASSIFICATION AND NUMBER OF SCHOOLS IN GRUNDY COUNTY, SCHOOL TERM 1932-33 [4]

Type of School	White	Colored	Total
Elementary	35	1	36
High school	1		1
Grand Total	36	1	37

TABLE IV. TYPE AND NUMBER OF ELEMENTARY SCHOOLS IN GRUNDY COUNTY, 1932-33 [5]

Type of School	White	Colored	Total
One-teacher	15	1	16
Two-teacher	15		15
Three-or-more-teacher	5		5
Grand Total	35	1	36

4. Dykes, op. cit., 1933.
5. Ibid.



Monteagle School



Summerfield School

TABLE V. DATE OF ERECTION OF GRUNDY COUNTY ELEMENTARY SCHOOLS

TYPE OF SCHOOL	DATE OF ERECTION										Grand Total
	Prior 1900		1900-1910		1910-1920		1920-1930		Since 1930		
	W*	C*	W	C	W	C	W	C	W	C	
One-teacher	5	0	3	0	5	0	2	0	0	1	16
Two-teacher	1	0	3	0	6	0	4	0	1	0	15
Three-or-more-teacher	3	0	0	0	0	0	2	0	0	0	5
Total	9	0	6	0	11	0	8	0	1	1	36

*Abbreviations used in table:
W - white
C - colored



Mt. Olive School



Altamont School

2. Condition. Of the thirty-one elementary school buildings reported on, ten were in good condition, thirteen were in fair condition, and eight were in poor condition.

3. Floor space. The floor space of the buildings varied from 200 square feet to 14,580 square feet. From observation, it appeared that neither schools nor rooms were crowded.

4. Lighting. Of the thirty-six elementary school buildings, twenty-two were lighted on two sides; six, on one side; seven, on three sides; and one, on one side and the rear.

The distance of the windows from the floor ranged from thirty inches to four feet. The average distance for all the schools was two and one half feet.

TABLE VI. LIGHTING ARRANGEMENTS IN THE GRUNDY COUNTY ELEMENTARY SCHOOLS

ARRANGEMENT	NUMBER OF BUILDINGS
Left only	6
Left and rear	1
Left and right	22
Three sides	7
Total	36

5. Heating. The ordinary stove was used for heating all of the one-teacher and two-teacher schools, and also for two of the three-or-more-teacher

schools. Three of the latter type of schools had steam heat.

6. Ventilation. The windows and doors were depended upon to ventilate thirty-three schools. The other three schools used window boards.

7. Sweeping and dusting. Floor oil was furnished the schools. It was found, however, that in many instances it was not used sufficiently often to prevent dust. This can be partly explained by the difficulty some teachers have in getting the oil to their schools.

When dusting was done in the schools, it was usually with a damp or an oiled cloth.

Janitor service was furnished in only three of the schools.

8. Equipment. The schools, as a whole, were meagerly equipped. The two largest schools valued their equipment at $3,000.00 and $1,500.00, respectively. That of the remaining thirty-four schools had an average value of $55.00.

Ordinarily, the school rooms contained only the physical necessities. A small percentage of the schools had libraries. Although a fund has not been provided for properly equipping the schools, the teachers usually have their personal aids for teaching. The bareness of the buildings can largely be attributed to the neglect of the school property. Some buildings are isolated and practically all lack year-round caretakers.



Northcutt's Cove School



Pond Springs School



Valley Home School
(A new building is now under construction)



Collins School
(There is a new building since this picture was taken)

b. Playgrounds. The area of the school grounds varied from one fourth acre to five acres. Six of the schools had two acres of land, seventeen had one acre, and five had one half acre. Of course, only a part of this area could be used as a playground. Balls of various kinds were the chief playground equipment.

c. Toilets. All schools, except a few of the one-teacher type, were reported to have sanitary toilets for both boys and girls. Four of the one-teacher schools had no boys' toilet, and three lacked toilets for girls. Seven toilets were reported as insanitary. Three of the larger schools had indoor toilets.

TABLE VII. GRUNDY COUNTY ELEMENTARY SCHOOL TOILETS, 1932-33[6]

TYPE OF SCHOOL	WHITE				COLORED				Total
	Sanitary		Insanitary		Sanitary		Insanitary		
	B*	G*	B	G	B	G	B	G	
One-teacher	9	7	3	4	1	1	0	0	25
Two-teacher	15	15	0	0	0	0	0	0	30
Three-or-more teacher	5	5	0	0	0	0	0	0	10
Grand Total	29	27	3	4	1	1	0	0	65

*Abbreviations used in table:
B - boys
G - girls.

d. Water supply. Twenty-five of the schools obtained drinking water from wells, while eleven schools had

6. Dykes, op. cit.

to depend upon spring water for drinking. The water used by twenty schools was not on the school grounds. The source of supply for ten schools was reported to be insanitary.

The Teaching Staff. For the school year beginning September, 1932, and ending May, 1933, there were eighty teachers actually employed in the elementary schools. The following table shows the number of teachers employed in the county.

TABLE VIII. NUMBER OF TEACHERS EMPLOYED IN GRUNDY COUNTY ELEMENTARY SCHOOLS, 1932-33 [7]

Type of School	WHITE		COLORED		Total
	Men	Women	Men	Women	
One-teacher	4	12	1		17
Two-teacher	4	26			30
Three-or-more-teacher	7	26			33
Grand Total	15	64	1		80

7. Ibid.

a. Educational preparation and certification.

TABLE IX. TRAINING OF TEACHERS EMPLOYED IN THE GRUNDY COUNTY ELEMENTARY SCHOOLS, 1932-33 [8]

TRAINING COMPLETED	WHITE		COLORED		Total
	Men	Women	Men	Women	
College graduate	4	4	0	0	8
Three yrs. college	0	2	0	0	2
Two yrs. college	3	9	0	0	12
One year college	6	29	0	0	35
High school graduate	2	14	0	0	16
Three yrs.high school	0	5	0	0	5
Two yrs. high school	0	0	0	1	1
One year high school	0	1	0	0	1
Grand Total	15	64	0	1	80

In the above table, which briefly sets forth the educational training of the teachers, it is noteworthy that over 70 per cent of the teachers have had one year or more of college work.

8. Ibid.

TABLE X. CERTIFICATION OF TEACHERS EMPLOYED IN THE GRUNDY COUNTY ELEMENTARY SCHOOLS, 1932-33 [9]

TYPE OF CERTIFICATE HELD	WHITE		COLORED		Total
	Men	Women	Men	Women	
Permanent professional	6	14	0	0	20
Four-year professional	4	30	0	0	34
Limited training	1	12	0	0	13
Permanent examination	3	3	0	0	6
Four-year examination	1	3	0	0	4
Five-year examination	0	0	0	0	0
Two-year examination	0	2	0	1	3
Grand Total	15	64	0	1	80

As may be seen in the above table, one fourth of the teachers had satisfactory certificates. Attention, however, should be given to the fact that the majority of the teachers are working toward the top professionally.

b. Teaching experience. The range in the number of years experience for the teachers was from no experience to that of twenty-three years. Twelve teachers had had no experience. The average years of experience for the white teachers was six years. The colored teacher had taught twenty years.

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9. Ibid.

The average number of years taught in the present position by the white teachers was less than two years. The range was from less than a year to eleven years. Twenty-nine of the teachers were teaching in their present positions for the first time. Twelve of these, however, were teaching their first school. The colored teacher had had her same position for eighteen years.

c. Salary. The elementary teachers in Grundy County were paid according to the State Salary Schedule. The teachers' training and experience determined the salary. The average monthly salaries of all elementary teachers is shown in Table XI.

TABLE XI. AVERAGE MONTHLY SALARY OF GRUNDY COUNTY ELEMENTARY TEACHERS, 1932-33[10]

WHITE		COLORED	
Men	Women	Men	Women
$86.00	$72.68		$75.00

d. School management. The number of grades and the ability of the teacher to combine classes are determining factors in the number of recitations heard per day by each teacher. The range for the Grundy County schools was from six to forty-two recitations. Twenty-one daily recitations were the average.

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10. Ibid.

There was no supervisor for either white or colored schools. The principals of the schools had little or no time free from classroom work for supervision. The visits of the superintendent were not of a supervisory nature. Each teacher taught in the manner which seemed best to him. As a result, the work of the schools, as a whole, lacked unity of purpose.

e. Living conditions. Forty-seven of the teachers either lived or boarded in the communities in which they taught. The average cost of board was $17.00 per month. A number of teachers lived at home and paid no board.

The average amount that could be saved out of the year's salary was $250.00. Several of the teachers reported they would be unable to save anything. This was partly due to small salaries and, also, to dependents.

Although several of the teachers did not plan to visit the homes of all their pupils, forty-seven teachers did expect to do so.

f. Community activities. Only fifteen of the teachers reported engagement in community activities. This work consisted in teaching Sunday School classes, in taking part in Parent-Teacher Association work, in clubs, in debating societies, and in scout work.

Pupils. The 1933 scholastic census of Grundy County for the elementary schools gave the following number of persons between the ages of six and eighteen years:

TABLE XII. SCHOLASTIC CENSUS FOR GRUNDY COUNTY ELEMENTARY SCHOOLS, 1933[11]

WHITE			COLORED			Total
Boys	Girls	Total	Boys	Girls	Total	County
1,396	1,361	2,757	6	11	17	2,774

a. Enrollment and attendance. With a scholastic population of 2,774 children, the schools enrolled only 2,490. The total average daily attendance was 1,868 pupils. Table XIII shows the enrollment and attendance in detail.

TABLE XIII. ENROLLMENT AND ATTENDANCE IN THE ELEMENTARY SCHOOLS OF GRUNDY COUNTY, 1932-33[12]

	ENROLLMENT			ATTENDANCE		
TYPE OF SCHOOL:	White:	Colored:	Total:	White:	Colored:	Total
One-teacher	419	13	432	271	13	284
Two-teacher	923	0	923	695	0	695
Three-or-more-teacher	1135	0	1135	889	0	889
Grand Total	2477	13	2490	1855	13	1868

From the above table it can be seen that one of the important problems facing the County Board of Education is to enroll and to keep in school a larger number of the

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11. Ibid.
12. Annual Report, State Department of Education, 1933.

scholastic population. There is no officer in the county to enforce school attendance. The personal effort of the teachers is about all that keeps the attendance even as high as it is. It is true that the majority of the children come from homes of small means, and it is often difficult for these children to attend school in severe weather. It has been observed that in some communities the children are out of school because of lack of interest on the part of the children or of their parents.

b. Pupil progress. Tables XIV, XV, XVI, XVII show the age-grade distribution of all the pupils of the Grundy County elementary schools for the year 1932-33. According to these tables, approximately 52 per cent of the children are in their normal grades. The tables show retardation for a large number of pupils. This may be due to various causes such as irregular attendance as the result of illness, lack of interest, inadequate clothing, or long distances from home to school, poor teachers, poor school equipment, or inferior mental ability.

There are small discrepancies between the figures in Tables XIV, XV, XVI, and XVII because of difference in source. The variation, however, is slight.

TABLE XIV. AGE-GRADE DISTRIBUTION ONE-TEACHER SCHOOLS - WHITE PUPILS, 1932-1933

Age in Years	1st Grade			2nd Grade			3rd Grade			4th Grade			5th Grade			6th Grade			7th Grade			8th Grade			Grand Total		
	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	Boys	Girls	Total
5	2	2	4																						2	2	4
6	34	40	74		1	1																			34	41	75
7	16	20	36	4	4	8	3	3	6																23	27	50
8	10	2	12	3	2	5	5	3	8	5	2	7													23	9	32
9	10	6	16	3	4	7	6	9	15	6	3	9	2		2										27	22	49
10	3	1	4	5	3	8	5	3	8	11	12	23	7	2	9										31	21	52
11	3	1	4	6	1	7	1	2	3	4	4	8	4	4	8		4	4				1	1	2	19	17	36
12	1		1	2	1	3	4	2	6	3	2	5	5	6	11	2	5	7	3	2	5		3	3	20	21	41
13				2		2	2	1	3	2	1	3	3	2	5	3	3	6	1	2	3	1	3	4	14	12	26
14							1	1	1	3	4	2	1	3	4	2	6	2	2	2	4	2	3	5	11	12	23
15	1		1	1		1				1		1			1	1	3	1	4			1	1	3	2	5	9	5	14
16							2	1	3		3	3										1	2	3	3	6	9
17																1		1				1	1	2	1	1	2
18										1	2	3										1	1	2	2	3	5
19																											
20																											
21																						1	1	2		1	1
Total	80	72	152	26	16	42	28	25	53	34	32	66	23	16	39	13	15	28	6	7	13	9	17	26	219	200	419
Normal	50	60	110	7	6	13	11	12	23	17	15	32	11	6	17	2	9	11	4	4	8	3	6	9	105	118	223
Over Age	28	10	38	19	9	28	14	10	24	12	15	27	10	10	20	11	6	17	2	3	5	5	7	12	101	70	171
Under Age	2	2	4	0	1	1	3	3	6	5	2	7	2	0	2	0	0	0	0	0	0	1	4	5	13	12	25

13 Dykes, op. cit., Annual Report, 1933.

TABLE XV. AGE-GRADE DISTRIBUTION TWO-TEACHER SCHOOLS - WHITE PUPILS, 1932-1933

Age in Years	1st Grade			2nd Grade			3rd Grade			4th Grade			5th Grade			6th Grade			7th Grade			8th Grade			Grand Total		
	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	Boys	Girls	Total
5	11	13	24																						11	13	24
6	31	44	75	1	2	3																			32	46	78
7	30	27	57	16	7	23	5	8	13																51	42	93
8	16	24	40	14	16	30	5	10	15	1	2	3		1	1										36	53	89
9	15	22	37	13	10	23	11	15	26	10	6	16	2	4	6		1	1							51	58	109
10	7	7	14	9	9	18	15	13	28	11	13	24	5	7	12		1	1							47	50	97
11	2	2	4	4	5	9	11	10	21	11	19	30	17	18	35	7	6	13	1	4	5	1		1	54	64	118
12	6	2	8	2	4	6	12	3	15	9	3	12	9	9	18	18	5	17	5	5	10	2	4	6	57	35	92
13	1	1	2	1		1	1	3	4	4	1	5	3	8	11	9	11	20	7	11	18	6	13	19	32	48	80
14		1	1		1	1				4	1	5	2	6	8	6	6	12	6	7	13	5	10	15	23	32	55
15				1		1				1	4	5	6	2	8	2	5	7	4	2	6	10	9	19	24	22	46
16													1	1	2	1	4	5	2	2	4	7	8	15	11	15	26
17																2	2		1	1		1	6	7	1	9	10
18													1		1	1	1					1		1	2	1	3
19																1	1					1	1	2	1	2	3
20																											
21																											
Total	119	143	282	61	54	115	60	62	122	51	49	100	46	57	103	37	42	79	25	32	57	34	51	85	433	490	923
Normal	61	71	132	30	23	53	16	25	41	21	19	40	22	25	47	19	11	30	12	16	28	11	23	34	192	213	405
Over Age	47	59	106	30	29	59	39	29	68	29	28	57	22	27	49	18	29	47	12	12	24	20	24	44	217	237	454
Under Age	11	13	24	1	2	3	5	8	13	1	2	3	2	5	7	0	2	2	1	4	5	3	4	7	24	40	64

14. Ibid., Annual Report, 1933

TABLE XVI. AGE-GRADE DISTRIBUTION THREE-OR-MORE-TEACHER SCHOOLS - WHITE PUPILS, 1932-1933

Age in Years	1st Grade			2nd Grade			3rd Grade			4th Grade			5th Grade			6th Grade			7th Grade			8th Grade			Grand Total		
	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	Boys	Girls	Total
5	1	4	5																						1	4	5
6	62	62	124	1	4	5																			63	66	129
7	43	45	87	15	17	32	4	5	9																62	66	128
8	19	19	38	25	23	48	10	17	27	7	11	18													61	70	131
9	8	11	19	12	16	28	17	28	45	20	26	46	4	5	9	1		1							62	86	148
10	6	3	9		2	2	21	15	36	16	11	27	13	17	30	5	6	11							61	54	115
11	8	1	9	6	3	9	3	13	16	10	14	24	20	19	39	21	12	33	9	6	15				77	68	145
12	2	2	4	5	3	8	7		7	10	9	19	5	9	14	14	15	29	13	12	25	5	5	10	61	55	116
13	1		1	1	4	5	1		1	6	8	14	4	3	7	10	8	18	7	13	20	7	11	18	37	47	84
14				1		1	3		3	2	2	4	7	1	8	4	6	10	11	6	17	13	13	26	41	28	69
15		1	1	1		1	1		1				3	1	4	4	4	8	5		5	10	14	24	24	20	44
16		1	1	1		1							1		1		1	1	1		1	6	4	10	9	6	15
17																		2	1		1		1	1	1	3	4
18																						1		1	1		1
19																			1		1				1		1
20																											
21																											
Total	150	148	298	68	72	140	67	78	145	71	81	152	57	55	112	59	54	113	48	37	85	42	48	90	562	573	1135
Normal	105	106	211	40	40	80	27	45	72	36	37	73	33	36	69	35	27	62	20	25	45	20	24	44	316	340	656
Over Age	44	38	82	27	28	55	36	28	64	28	33	61	20	14	34	18	21	39	19	6	25	17	19	36	209	187	396
Under Age	1	4	5	1	4	5	4	5	9	7	11	18	4	5	9	6	6	12	9	6	15	5	5	10	37	46	83

15. Ibid., Annual Report, 1933.

TABLE XVII. AGE-GRADE DISTRIBUTION ONE-TEACHER SCHOOLS - COLORED PUPILS, 1932-1933.

Age in Years	1st Grade			2nd Grade			3rd Grade			4th Grade			5th Grade			6th Grade			7th Grade			8th Grade			Grand Total		
	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	B	G	T	Boys	Girls	Total
5																									0	0	0
6	1		1	1	2	3																			2	2	4
7																									0	0	0
8													1	2	3										1	2	3
9										1		1													1		1
10											1	1	1		1	1		1							2	1	3
11																									0	0	0
12																						1	1	2	1	1	2
13																											
14																											
15																											
16																											
17																											
18																											
19																											
20																											
21																											
Total	1		1	1	2	3				1	1	2	2	2	4	1		1				1	1	2	7	6	13
Normal	1		1							1	1	2	1		1										3	1	4
Over Age																											
Under Age				1	2	3							1	2	3	1		1				1	1	2	4	5	9

NOTE: As this table was not included in the superintendent's annual report, it was taken from a report submitted by the colored teacher.

There is a loss of pupil interest by a lack of normal advancement through the grades. The pupil soon drops out of school entirely. Table XVIII substantiates this assertion.

TABLE XVIII. ENROLLMENT BY GRADES IN THE ELEMENTARY SCHOOLS OF GRUNDY COUNTY, 1932-33 16

GRADES	SCHOOLS						TOTAL
	One-teacher		Two-teacher		Three-or-more teacher		
	White	Colored	White	Colored	White	Colored	
First	152	3	262	0	298	0	715
Second	42	1	115	0	140	0	298
Third	53	0	122	0	145	0	320
Fourth	66	4	100	0	152	0	322
Fifth	39	2	103	0	112	0	256
Sixth	28	1	79	0	113	0	221
Seventh	13	2	57	0	85	0	157
Eighth	26	0	85	0	90	0	201
Grand Total	419	13	923	0	1135	0	2490

The sharp decrease in the enrollment in the second grade is deplorable. Although a part of this loss was regained, the decrease began again in the fourth grade and continued through the seventh grade. The number in the eighth grade increased over that of the previous grade. Whereas 715

16. Dykes, op. cit.

pupils were enrolled in the first grade, only 201 pupils, or approximately 28 per cent of that number, were enrolled in the eighth grade.

The following table shows the percentage of pupils in their normal grade low for all three types of schools. The three-or-more-teacher white schools have a better showing than the others. The one-teacher colored school is, perhaps, advancing its pupils too rapidly.

TABLE XIX. PERCENTAGE OF STUDENTS NORMAL, OVER AGE, AND UNDER AGE IN GRUNDY COUNTY SCHOOLS, 1932-33 17

TYPE OF SCHOOL (White)	Normal	Over Age	Under Age	Total Number Pupils
One-teacher	53.2	40.8	5.9	419
Two-teacher	45.8	49.1	6.9	923
Three-or-more-teacher	57.7	34.8	7.3	1135
Total	51.5	41.5	6.7	2477
(Colored)				
One-teacher	30.7	0.0	69.2	13
Grand Total	41.1	41.5	37.9	2490

The Curriculum. The Tennessee State Course of Study requires that the following subjects be taught in all of the eight grades of the elementary school: Reading, Spelling, Writing, Language, Arithmetic, Health, Music,

17. Ibid.

Drawing, and Physical Education. The fifth grade must study Forestry, while the sixth, seventh, and eighth grades study the History of the United States or of Tennessee. Agriculture and Home Economics are optional for the eighth grade. The one- and two-teacher schools are greatly handicapped in the effort to follow this course of study. There is not time to teach well so many classes. Either an inadequate amount of time can be given to all the studies, or some subjects must be omitted. Both plans are in operation, it seems. An overcrowded curriculum works a hardship on both teacher and pupils and is not conducive to thorough school work.

School Administration. The County Board of Education and the County Superintendent of Public Instruction have charge of the schools of Grundy County. The superintendent, who is also the secretary of the County School Board, is elected by popular vote for a period of two years. The members of the School Board are elected by the County Court. The School Board employs all the teachers and sets up the standards governing the schools. The county has neither a supervisor nor an attendance officer.

Transportation. There are no consolidated schools in Grundy County. Transportation is provided for only the pupils attending the high school.

School Finances. Grundy County has been unable to meet its financial obligations since 1929. No effort

has been made to collect the unpaid taxes, the sum of which is increasing at an alarming rate each year. The teachers' only dependable source of income is the county's apportionments from the state. This amount being insufficient to pay all the salaries, non-interest bearing warrants have been issued to the teachers, a large number of which have had to be discounted at a high rate. The following tables show the expenditures and receipts of the county elementary school system.

TABLE XX. DISBURSEMENT OF ELEMENTARY SCHOOL FUNDS TO GRUNDY COUNTY, 1932-33 [18]

July apportionment	$ 6,545.00
January apportionment	6,545.00
Senate Bill No. 98	3,683.39
Equalizing fund	16,564.72
Total	$33,338.11
Vocational fund (Agric.) for high school, elementary and county	$ 1,800.00
Supplement to county superintendent's salary	1,102.77
Grand Total	$36,240.88

18. Annual Report, State Department of Education, 1933.

TABLE XXI. GRUNDY COUNTY ELEMENTARY SCHOOL RECEIPTS, 1932-33 [19]

Total receipts from state	$ 8,812.17
County levy	10,070.56
Polls	291.78
County offices	523.87
Total receipts from county	10,886.21
Total receipts from all sources county and city	19,698.38
Overdraft at close of year	38,821.63
Grand Total Receipts	$58,520.01

TABLE XXII. ESTIMATED VALUE OF ELEMENTARY SCHOOL PROPERTY IN GRUNDY COUNTY, 1932-33 [20]

	WHITE	COLORED	TOTAL
Building and Heating Plant	$87,955	$400	$88,355
Grounds	1,925	20	1,945
Equipment	6,311	40	6,351
Total	$96,191	$460	$96,651

19. Ibid.
20. Dykes, op. cit.

TABLE XXIII. EXPENDITURES FOR GRUNDY COUNTY ELEMENTARY SCHOOLS, 1932-33 [21]

Per diem Board of Education	$ 195.00
Other expenses of Board of Education	90.00
Salary of superintendent	1,933.26
Census enumeration	111.26
Trustee's commission county fund	572.89
Total for general control	$ 2,902.41
Salaries of teachers	$46,606.40
Supplies for instructional service	189.70
Other expenses for instructional service	153.26
Total for instructional service	$47,949.36
Wages: janitors and engineers	$ 2,040.00
Fuel, water, and other expenses	1,098.44
Total for operation of plant	$ 3,138.44
Repairs	233.49
Replacements	119.40
Total for maintenance	$ 352.89
Enforcement compulsory education law	$ 800.00
Total for auxiliary agencies	$ 800.00
Fixed charges: rent, insurance, etc.	$ 100.00
New buildings and remodeling	$ 1,724.81
Purchase of grounds	75.00
New equipment	299.78
Total capital outlay	$ 2,099.59
Overdrafts from previous year	$ 1,177.32
Grand Total Expenditures	$58,520.01

21. Annual Report, State Department of Education, 1933.

CHAPTER V

COMPARATIVE DATA ON THE ELEMENTARY SCHOOLS, 1933

In order that more accurate conclusions may be reached regarding the schools of Grundy County, this county is compared with five other counties, Decatur, Houston, Jackson, Johnson, and Stewart, whose assessed valuation is comparable to that of Grundy County. The comparison includes all elementary schools, white and colored, on the basis of population, property assessment, county and school tax rate, receipts from each county and state, and grand total receipts; number and types of schools, number and kinds of buildings, and estimated value of property; scholastic population, number of scholastic population who can read and write, and the percentage of scholastic population who can read and write; enrollment, average daily attendance, per cent average daily attendance is of the enrollment; cost of instructional service, per capita cost in both enrollment and average daily attendance; number of teaching positions and number of teachers actually employed; training, certification, and experience of teachers, the number and percentage of teachers with experience; salary of county superintendent, average annual salary of teachers, average annual salary of men and women; consolidation and transportation.

Table XXIV, page 74, gives a comparison of the counties on the basis of population, assessed valuation of property, total county tax rate, county school tax rate, income for schools, receipts from the state, balances or overdrafts, and total receipts.

In this table Grundy County has fifth rank in population. The counties, in the order of their assessed valuation, beginning with the highest, are: Stewart, Jackson, Houston, Grundy, Decatur, and Johnson. In total county tax rate Johnson County ranks first, with $2.42, followed by Jackson with $2.28, Decatur with $2.17, Stewart with $1.91, Grundy with $1.75, and Houston with $1.39. Grundy County leads in the county school tax levy of $1.00, while the rate for Johnson County is $0.92; that for Stewart is $0.90; Decatur, $0.87; Houston, $0.80; and Jackson, $0.77. Grundy County ranks fourth in receipts both from the county and from the state.

Table XXV, page 75, is a comparison of Grundy County on the points above for the years 1926, 1927, 1928, 1929, 1930, 1931, 1932, and 1933. The assessed valuation of property fluctuates for the period. Although the valuation for 1933 is less than that for 1928, when it is highest, it is above that for 1931 and 1932. The total county tax rate reaches the peak in 1930, when it is $2.60. The school tax rate is $0.73 in 1926 and rises to $1.08 in 1931 and 1932, with a decrease for 1933. The county income for schools is slightly larger in 1933 than in 1926. Receipts

from the state in 1926 are $24,975.44, while in 1933 they are $8,812.17, which is less than one third the amount in 1926. There is a balance on hand in 1926 at the end of the year, and in 1933 there is an overdraft of $38,821.63. The grand total receipts have increased during the period.

Table XXVI, page 76, shows the number and types of schools, the number and kinds of buildings, and the estimated value of property. Stewart County has the largest number of schools, while Johnson County has the highest estimated value of property. Grundy County ranks fifth in the number of schools and also in the value of property.

Table XXVII, page 77, gives the above comparison in the county for the period 1926-1933, inclusive. There are slight variations in the total number of schools during these years, though there are thirty-six schools in both 1926 and 1933. The estimated value of school property in 1926 is $30,990.00, and in 1933 it is $96,752.00.

Table XXVIII, page 78, gives the scholastic population between six and eighteen years of age, the number who can read and write, and the per cent of scholastic population who can read and write. Grundy County ranks fifth in scholastic population and in the number of school-age children who can read and write, but fourth in the per cent who can read and write. Although Houston County has the smallest school population and number who can read and write, it has the highest percentage, 92.3 per cent, who can read and write.

TABLE XXIV. POPULATION, PROPERTY ASSESSMENT, COUNTY AND SCHOOL TAX RATE, RECEIPTS FROM COUNTY AND STATE, AND TOTAL RECEIPTS [1]

ITEM	Grundy County	Decatur County	Houston County	Jackson County	Johnson County	Stewart County
Population [2]	9,717	10,106	5,555	13,589	12,209	13,278
Assessed valuation of property	$2,518,917	$2,281,006	$2,572,489	$2,611,447	$2,270,654	$2,690,975
Total county tax rate	$1.75	$2.17	$1.39	$2.28	$2.42	$1.91
School tax rate, county	$1.00	0.87	0.80	0.77	0.92	0.90
Income for schools, county	$19,698.38	$19,432.27	$12,203.[illegible]	$70,504.24	$23,943.94	$26,244.00
Receipts from state	$ 8,812.[illegible]	$ 7,367.[illegible]	$ 500.00	$10,504.15	11,350.18	10,876.48
Balance on hand at beginning of year		395.72				
Overdraft at beginning of year	$ 1,177.32	$44,841.03	$ 4,716.32			$ 9,646.04
Balance on hand at end of year						
Overdraft at end of year	$38,821.63	$87,050.01	$15,372.83	$37,264.70	$44,445.90	$44,724.23
Grand Total Receipts	$68,509.5[illegible]	$159,086.70	$32,792.55	$118,273.09	$79,740.02	$91,490.75

1. State Department of Education, Annual Report, State of Tennessee for 1933, pp. 244, 245, 294, 295, 296, 297, 306, 307.
2. U. S. Census Report, 1930.

TABLE XXV. POPULATION, PROPERTY ASSESSMENT, COUNTY AND SCHOOL TAX RATE, RECEIPTS FROM COUNTY AND STATE, TOTAL RECEIPTS [3]

GRUNDY COUNTY	1926	1927	1928	1929	1930	1931	1932	1933
Population	9,753:[4]				9,717:[5]			
Assessed Valuation of Property	2,943,647	2,900,942	2,984,686	2,863,974	2,922,431	2,383,532	2,338,140	2,518,917
Total County Tax Rate	$1.70	$1.67	$2.30	$2.06	$2.60	$1.98	$1.98	$1.75
School Tax Rate, County	.73	.75	1.00	.73	.86	1.08	1.08	1.00
Income-School County & City	$16,944.06	$15,867.01	$46,190.43	$15,055.25	$25,216.20	$20,128.95	$14,368.66	$19,698.38
Receipts from State	24,975.44	21,862.53	39,458.86	34,951.47	33,532.67	36,847.20	31,793.39	8,812.17
Balance on Hand at Beginning Year			1,074.05		235.74			
Overdraft at Beginning of Year				1,397.36		4,127.41	11,277.19	1,177.32
Balance on Hand at end of Year	10,776.07	4,829.63		235.74				
Overdraft at End of Year					3,720.06	11,277.19	23,242.45	38,621.63
Grand Total	$52,695.56	$42,559.17	$86,723.34	$51,639.82	$62,704.67	$72,380.75	$80,681.69	$68,509.50

3. Annual Report, State Department of Education, 1926, pp. 106, 142, 148, 150; 1927, pp. 132, 168-174, 176; 1928, pp. 134, 176, 182, 184; 1929, pp. 128, 168, 170, 180; 1930, pp. 130, 170, 172, 182; 1931, pp. 120, 166, 168, 180; 1932, pp. 134, 184, 186, 198; 1933, pp. 244, 294, 296, 306.
4. U. S. Census Report, 1920.
5. Ibid., 1930.

TABLE XXVI. NUMBER AND TYPES OF SCHOOLS, NUMBER AND KINDS OF BUILDINGS, ESTIMATED VALUE OF PROPERTY, 1933 [6]

NUMBER AND TYPES OF SCHOOLS	Grundy County	Decatur County	Houston County	Jackson County	Johnson County	Stewart County
One-teacher schools	16	42	16	30	19	49
Two-teacher schools	15	12	5	25	22	10
Three-or-more-teacher schools	5	5	5	6	7	5
Total	36	59	26	61	48	64
NUMBER AND KIND OF BUILDINGS						
Brick	4	2	1	1	2	0
Stone	0	2	0	0	0	1
Frame	31	52	24	60	46	62
Log	1	3	1	0	0	0
Total	36	59	26	61	48	63
ESTIMATED VALUE OF PROPERTY	$96,752	$101,787	$60,300	$124,635	$137,078	$109,355

6. Ibid., 1933, pp. 204, 205, 234, 235, 236.

TABLE XXVII. NUMBER AND TYPES OF SCHOOLS, NUMBER AND KINDS OF BUILDINGS, ESTIMATED VALUE OF PROPERTY IN GRUNDY COUNTY [7]

NUMBER AND TYPES OF SCHOOLS [a]	1926	1927	1928	1929	1930	1931	1932	1933
One-teacher	20	18	15	16	20	14	12	16
Two-teacher	14	13	14	14	11	14	16	15
Three-or-more-teacher	2	3	5	4	6	6	5	5
Total	36	34	34	34	37	34	33	36
NUMBER AND KINDS OF BUILDINGS [b]								
Brick	1	1	2	2	3	3	3	4
Stone	1	1	1	1	1	0	1	0
Frame	34	31	30	30	33	30	28	31
Log	3	1	1	1	1	1	1	1
Total	39	34	34	34	38	34	33	36
ESTIMATED VALUE OF PROPERTY [c]	$30,990	$73,790	$56,760	$32,850	$63,130	$88,930	$134,340	$96,752

7. Annual Report, State Department of Education, 1926, p. 72; 1927, p. 96; 1928, p. 96; 1929, p. 92, 1930, p. 94; 1931, p. 80; 1932, p. 94; 1933, p. 204. (a)
(b) 1926, p. 98; 1927, p. 124; 1928, p. 126; 1929, p. 120; 1930, p. 122; 1931, p. 110; 1932, p. 124; 1933, p. 234.
(c) 1926, p. 100; 1927, p. 126; 1928, p. 128; 1929, p. 122; 1930, p. 124; 1931, p. 112; 1932, p. 126; 1933, p. 236.

TABLE XXVIII. SCHOLASTIC POPULATION BETWEEN SIX AND EIGHTEEN YEARS, NUMBER BETWEEN SIX AND EIGHTEEN YEARS WHO CAN READ AND WRITE, AND PER CENT OF SCHOLASTIC POPULATION WHO CAN READ AND WRITE, 1933 [8]

COUNTIES	Scholastic Population Between 6-18 Years			Number Who Can Read and Write, 6-18 Years			Per Cent Who Can Read and Write*
	Boys	Girls	Total	Boys	Girls	Total	
Grundy	1402	1372	2774	1178	1191	2369	85.4
Decatur	1357	1429	2786	1150	1211	2361	84.7
Houston	861	858	1719	786	802	1588	92.3
Jackson	2142	2058	4200	1687	1697	3384	85.7
Johnson	1641	1635	3276	1453	1480	2933	89.5
Stewart	2083	1914	3997	1649	1620	3269	81.5

*Computed from preceding total columns.

8. Ibid., 1933, pp. 164, 165, 166, 167.

Table XXIX, page 80, shows the scholastic population and the number of those who can read and write is larger for Grundy County in 1933 than at any other time during the eight-year period. In 1926 and 1933, 85.4 per cent of the scholastic population could read and write.

Table XXX, page 81, shows the enrollment, the average daily attendance, and its per cent of the enrollment. Grundy County ranks fifth in both enrollment and average daily attendance, but second in its per cent of the enrollment. The highest per cent of attendance, which is 77.4 per cent, is from Johnson County, which ranks third in enrollment and second in average daily attendance.

Table XXXI, page 82, shows Grundy County has 2,480 pupils enrolled in 1926 and 2,490 pupils enrolled in 1933. There is a gain in average daily attendance, which is 1,591 in 1926 and 1,868 in 1933. The per cent of the enrollment is 64.1 in 1926, and 75.0 in 1933.

Table XXXII, page 83, gives the total enrollment, the average daily attendance, the total cost for instructional service, the per capita cost enrollment, and the per capita cost based on average daily attendance. Grundy, with its per capita cost of enrollment $19.25, and its per capita cost of average daily attendance $25.66, ranks next to Decatur, which has the highest cost in both items.

TABLE XXIX. SCHOLASTIC POPULATION BETWEEN SIX AND EIGHTEEN YEARS, NUMBER BETWEEN SIX AND EIGHTEEN YEARS WHO CAN READ AND WRITE, AND PER CENT OF SCHOLASTIC POPULATION WHO CAN READ AND WRITE IN GRUNDY COUNTY [9]

YEARS	SCHOLASTIC POPULATION BETWEEN 6-18 YEARS			NUMBER WHO CAN READ AND WRITE, 6-18 YEARS			PER CENT WHO CAN READ AND WRITE*
	Boys	Girls	Total	Boys	Girls	Total	
1926	1,359	1,322	2,681	1,155	1,137	2,292	85.4
1927	1,267	1,231	2,498	1,063	1,026	2,089	83.6
1928	1,267	1,231	2,498	1,063	1,026	2,089	83.6
1929	1,301	1,279	2,580	1,100	1,101	2,201	85.3
1930	1,301	1,279	2,580	1,100	1,101	2,201	85.3
1931**	1,301	1,279	2,580	1,100	1,101	2,201	85.3
1932**	1,301	1,279	2,580	1,100	1,101	2,201	85.3
1933	1,402	1,372	2,774	1,178	1,191	2,369	85.4

*Computed from preceding total columns.
**Previous census.

9. Annual Report, State Department of Education, 1926, pp. 42, 44; 1927, pp. 40, 42; 1928, pp. 42, 44; 1929, pp. 38, 40; 1930, pp. 38, 40; 1931, pp. 30, 32; 1932, pp. 48, 50; 1933, pp. 164, 166.

TABLE XXX. ENROLLMENT, AVERAGE DAILY ATTENDANCE, PER CENT OF ENROLLMENT, 1933 [10]

COUNTIES	ENROLLMENT			AVER. DAILY ATTENDANCE			PER CENT OF ENROLLMENT*
	Boys	Girls	Total	Boys	Girls	Total	
Grundy	1,217	1,273	2,490	899	969	1,868	75.0
Decatur	1,320	1,365	2,685	850	939	1,789	66.6
Houston	739	733	1,472	539	560	1,099	74.6
Jackson	1,799	1,636	3,436	1,241	1,220	2,461	71.6
Johnson	1,662	1,464	3,126	1,275	1,147	2,422	77.4
Stewart	1,620	1,606	3,228	1,049	1,115	2,164	67.3

*Computed from preceding total columns.

10. Ibid., 1933, pp. 184, 185, 194, 195, 198, 199.

TABLE XXXI. ENROLLMENT, AVERAGE DAILY ATTENDANCE, PER CENT OF ENROLLMENT IN GRUNDY COUNTY [11]

Year	ENROLLMENT			AVER. DAILY ATTENDANCE			PER CENT OF ENROLLMENT*
	Boys	Girls	Total	Boys	Girls	Total	
1926	1,224	1,256	2,480	791	800	1,591	64.1
1927	1,163	1,163	2,326	**	**	1,386	59.5
1928	1,266	1,312	2,578	**	**	1,793	69.5
1929	1,155	1,102	2,257	**	**	1,633	72.3
1930	1,309	1,231	2,540	**	**	2,075	81.6
1931	1,240	1,229	2,469	**	**	1,850	74.9
1932	1,228	1,241	2,469	**	**	1,870	75.7
1933	1,217	1,273	2,490	899	969	1,868	75.0

*Computed from preceding total columns.
**Data not available.

11. Annual Report, State Department of Education, 1926, pp. 48, 50; 1927, pp. 60, 76, 84, 90; 1928, pp. 62, 78, 86, 92; 1929, pp. 56, 72, 80, 86; 1930, pp. 56, 72, 80, 88; 1931, pp. 48, 64, 68, 74; 1932, pp. 66, 80, 88; 1933, pp. 184, 198.

TABLE XXXII. TOTAL ENROLLMENT, AVERAGE DAILY ATTENDANCE, TOTAL COST FOR INSTRUCTIONAL SERVICE, AVERAGE COST OF ENROLLMENT PER CAPITA, AND AVERAGE COST PER CAPITA BASED ON AVERAGE DAILY ATTENDANCE, 1933 [12]

COUNTIES	TOTAL ENROLLMENT	AVERAGE DAILY ATTENDANCE	TOTAL COST FOR INSTRUCTIONAL SERVICE	PER CAPITA COST ENROLLMENT*	PER CAPITA COST AVERAGE DAILY ATTENDANCE**
Grundy	2,490	1,868	$47,949.36	$19.25	$25.66
Decatur	2,685	1,789	55,714.90	20.75	31.14
Houston	1,472	1,099	17,405.70	11.83	15.83
Jackson	3,436	2,461	55,107.96	16.03	22.39
Johnson	3,126	2,422	57,538.26	18.40	23.75
Stewart	3,228	2,164	51,856.80	16.06	23.50

*Computed from the first and third columns.
**Computed from the second and third columns.

12. Ibid., 1933, pp. 184, 185, 198, 199, 300, 301.

Table XXXIII, page 86, shows that the cost per capita of enrollment in Grundy County has increased, with two exceptions, from $12.16 in 1926 to $19.25 in 1933. The cost per capita of average daily attendance has increased from $18.95 in 1926 to $25.66 in 1933, with considerable fluctuation between these years.

Table XXXIV, page 87, shows the number of teaching positions and the number of teachers employed. Jackson County has 103 teaching positions and 107 teachers employed, both of which are the highest for the group. Houston has the smallest for the group, having forty-three teaching positions and fifty teachers employed. Grundy County ranks just higher than Houston in both items. The fact that the number of teachers exceeds the number of teaching positions may be due to various causes which may bring about a vacancy in a school.

Table XXXV, page 87, shows seventy-two teaching positions in 1926 and seventy-nine positions in 1933 in Grundy County. In most instances the number of teachers employed has been larger than the number of teaching positions for the reason explained regarding the previous table.

Table XXXVI, page 88, shows the training of the teachers of the six counties. Decatur County has ninety-four teachers, fourteen of whom are college graduates, while Grundy County has eight college graduates in its group of eighty teachers. The other counties rank much lower in proportion to their number of teachers. The greater number

of teachers for the group and also for each county has one year of college work. Houston, Jackson, and Stewart Counties still have teachers with only elementary school training. The majority of the teachers for the group of counties are at least high school graduates.

TABLE XXXIII. TOTAL ENROLLMENT, AVERAGE DAILY ATTENDANCE, TOTAL COST FOR INSTRUCTIONAL SERVICE, AVERAGE COST OF ENROLLMENT PER CAPITA, AND AVERAGE COST PER CAPITA BASED ON AVERAGE DAILY ATTENDANCE IN GRUNDY COUNTY [13]

YEAR	Total Enrollment	Average Daily Attendance	Total Cost for Instructional Service	Per Capita Cost Enrollment**	Per Capita Cost Average Daily Attendance***
1926	2,480	1,591	$30,162.66	$12.16	$18.95
1927	2,326	1,386	30,898.64	13.28	22.29
1928	2,578	1,793	34,515.25	13.38	19.24
1929*	2,257	1,633	35,462.85	15.71	21.71
1930*	2,540	2,075	46,350.07	18.24	22.33
1931*	2,469	1,850	44,703.45	18.10	24.16
1932*	2,469	1,870	48,580.20	19.67	25.97
1933*	2,490	1,868	47,949.36	19.25	25.66

*Computed from Table XXXI.
**Computed from columns 1 and 3.
***Computed from columns 2 and 3.

13. Annual Report, State Department of Education, 1926, pp. 46, 144; 1927, pp. 44, 170; 1928, pp. 46, 180, 186; 1929, pp. 86, 174; 1930, pp. 88, 176; 1931, pp. 74, 172; 1932, pp. 88, 190; 1933, pp. 198, 300.

TABLE XXXIV. NUMBER TEACHING POSITIONS AND NUMBER TEACHERS ACTUALLY EMPLOYED, 1933 [14]

COUNTIES	Number Teaching Positions	Number Teachers Actually Employed
Grundy	79	80
Decatur	88	92
Houston	43	50
Jackson	103	107
Johnson	90	92
Stewart	89	89

TABLE XXXV. NUMBER TEACHING POSITIONS AND NUMBER TEACHERS ACTUALLY EMPLOYED IN GRUNDY COUNTY [15]

YEAR	Number Teaching Positions	Number Teachers Actually Employed
1926	72	72
1927	66	69
1928	67	68
1929	66	69
1930	72	75
1931	77	79
1932	76	76
1933	79	80

14. Ibid., 1933, pp. 206-7.
15. Annual Report, State Department of Education, 1926, p. 76; 1927, p. 98; 1928, p. 100; 1929, p. 94; 1930, p. 96; 1931, p. 82; 1932, p. 96; 1933, p. 206.

TABLE XXXVI. TRAINING OF TEACHERS, 1933

TRAINING OF TEACHERS	Grundy			Decatur			Houston			Jackson			Johnson			Stewart		
	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T
College graduate	4	4	8	8	6	14	1	1	2		3	3	4	1	5	1	2	3
Three years college		2	2	1	3	4				2	6	8	2	4	6	2	1	3
Two years college	3	9	12	5	14	19		4	4	7	11	18	6	20	26	7	11	18
One year college	6	29	35	16	24	40	2	24	26	15	35	50	11	34	45	10	17	27
High school graduate	2	14	16	11	1	12	2	9	11	3	7	10	2	1	3	1	14	15
Three yrs.high school		5	5	2	1	3		1	1				4		4	2	13	15
Two yrs. high school		1	1		1	1		3	3	1		1	1	1	2		2	2
One yr. high school		1	1	1		1		1	1				1		1		1	1
Elementary							2		2	9	8	17				2	3	5
Total	15	65	80	44	50	94	7	43	50	37	70	107	31	61	92	25	64	89

16. Ibid., 1933, pp. 208-211.

Table XXXVII, page 90, shows Grundy County has had no increase in number of college graduates since 1930. The greatest increase in training is to be seen in the one-year college group, which numbers six in 1927 and thirty-five in 1933. This is an indication that the greater number of teachers are working their way out of the high school group. Only six teachers had not completed their high school work in 1933.

Table XXXVIII, page 91, shows the certification of the teachers of the group of counties. The greatest number of teachers in each county hold a four-year professional certificate. The permanent professional certificate ranks second in having the largest number of holders in all the counties, with the exception of Houston. The limited training certificate has second place in that county.

Table XXXIX, page 92, shows an increase in Grundy County in the higher types of certificates. In 1927, there are two teachers who had permanent professional certificates, and in 1933, there were twenty holders of that type of certificate. Also in 1927 there were five teachers who had four-year professional certificates, while in 1933 the same type of certificate was held by thirty-four teachers.

Table XL, page 93, shows Houston County as having the lowest percentage of teachers who have had experience. Grundy County ranks next to Houston, with 35 per cent of its teachers without experience. Three counties, Decatur, Johnson, and Stewart have 89 per cent of their teachers with experience. This is the highest percentage of the group.

TABLE XXXVII. TRAINING OF TEACHERS IN GRUNDY COUNTY

TRAINING OF TEACHERS	1926			1927			1928			1929			1930			1931			1932			1933		
	M:	W:	T:	M:	W:	T:	M:	W:	T:	M:	W:	T:	M:	W:	T:	M:	W:	T:	M:	W:	T:	M:	W:	T
College graduate					1:	1:	1:	1:	2:	2:		2:	6:	2:	8:	4:	3:	7:	4:	4:	8:	4:	4:	8
Three yrs. college					1:	1:	1:		1:	1:	2:	3:	1:	3:	4:	1:	3:	4:		2:	2:		2:	2
Two yrs. college	Not				2:	2:	1:	2:	3:		3:	3:	2:	4:	6:	1:	10:	11:	1:	8:	9:	3:	9:	12
One year college	classi-			1:	5:	6:	3:	5:	8:	2:	14:	16:	5:	21:	26:	5:	18:	23:	5:	24:	29:	6:	29:	35
High school graduate	fied as			1:	23:	24:	5:	20:	25:	7:	16:	23:	2:	13:	15:	3:	12:	15:	4:	18:	22:	2:	14:	16
Three yrs.high sch.	such			3:	3:	6:	2:	1:	3:		4:	4:		3:	3:	1:	6:	7:		5:	5:		5:	5
Two yrs.high school				4:	10:	14:		4:	4:		3:	3:					1:	1:						
One yr. high school					1:	1:	1:	7:	8:					1:	1:							1:		1
Elementary			17:																					

17. Annual Report, State Department of Education, 1926, p. 200; 1927, p. 108; 1928, p. 110; 1929, p. 104; 1930, p. 106; 1931, p. 84; 1932, p. 98; 1933, p. 208.

TABLE XXXVIII. CERTIFICATION OF TEACHERS, 1933

TYPE OF CERTIFICATE	Grundy *			Decatur			Houston			Jackson			Johnson			Stewart		
	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T
Permanent Professional	6	14	20	7	17	24		5	5	7	20	27	11	24	35	9	12	21
Four-yr. Professional	4	30	34	17	26	43	2	22	24	12	26	38	11	31	42	9	27	36
Limited Training	1	12	13	3	1	4	2	9	11	3	8	11		2	2		6	6
Permanent Examination	3	3	6	5		5		3	3	4	6	10	3	1	4	1	4	5
Four-yr. Examination	1	3	4	5		5				10	6	16	5	1	6	5	7	12
Five-yr. Examination																		
Two-yr. Examination				1		1					3	3					3	3
Permit		2	2															
Total	15	64	79	38	44	82	4	39	43	36	69	105	30	59	89	24	59	83

Note: abbreviations, M-Men; W-Women; T-Total.
*The statistics on Grundy County vary from those on the certification of teachers given in Chapter IV, page 56, because of a difference of source.

18. Ibid., 1933, pp. 216-17.

TABLE XXXIX. CERTIFICATION OF TEACHERS IN GRUNDY COUNTY[19]

TYPE OF CERTIFICATE	1926			1927			1928			1929			1930			1931			1932			1933		
	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T	M	W	T
Permanent Professional				1	1	2	2	2	4	3	5	8	8	8	16	6	12	18	5	10	15	6	14	20
Four-year Professional	Not classified as such				5	5				2	11	13	3	13	16	3	24	27	4	31	35	4	30	34
Limited Training				1	18	19				1	10	11		11	11	1	7	8	1	12	13	1	12	13
Permanent Examination				4	3	7				4	4	8	3	5	8	3	4	7	1	3	4	3	3	6
Four-year Examination				2	8	10				2	6	8	2	6	8	2	2	4	3	2	5	1	3	4
Five-year Examination					1	1																		
Two-year Examination				1	7	8					6	6		4	4		4	4		3	3		2	2
Permit																								

NOTE: abbreviations, M-Men, W-Women, T-Total.

19. Annual Report, State Department of Education, 1926, p. 200; 1927, p. 100; 1928, p. 115; 1929, p. 96; 1930, p. 98; 1931, p. 92; 1932, p. 106; 1933, p. 216.

TABLE XL. NUMBER OF TEACHERS, NUMBER WITHOUT EXPERIENCE, NUMBER WITH EXPERIENCE, AND PER CENT OF TEACHERS WITH EXPERIENCE, 1933 [20]

COUNTIES	Total Number Teachers	Number Teachers Without Experience	Number Teachers With Experience *	Per Cent Teachers With Experience **
Grundy	80	12	68	85
Decatur	92	10	82	89
Houston	50	11	39	78
Jackson	107	13	94	87
Johnson	92	10	82	89
Stewart	89	9	80	89

*Computed from columns 1 and 2.
**Computed from columns 1 and 3.

Table XLI, page 94, shows Grundy County has its lowest per cent of experienced teachers in 1926, being 80 per cent. There is an increase until 1929, when the highest point is reached with 97 per cent of the teachers having experience. Only 85 per cent have experience in 1933.

Table XLII, page 95, shows Jackson County pays its superintendent $2,024.51, the highest salary of the group. Grundy and Decatur Counties rank second, each paying its superintendent $1,899.51. The salary of the Houston County superintendent is $949.76, the lowest of the group. Grundy County pays the highest average salary to its men, and also the highest average salary to both men and women teachers.

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20. Ibid., 1933, pp. 206, 207, 224, 225.

Johnson pays the highest average salary to women. Two counties, Decatur and Houston, pay higher average salary to women than to men.

Table XLIII, page 96, shows the salary of the superintendent of Grundy County has increased from $600.00 in 1926 to $1,899.51 in 1933, a gain of more than twice the former amount. It is highest in 1930 and 1931, when it is $2,200.00. The highest average salary for both men and women was paid in 1930. Since that date there has been a decrease each year.

TABLE XLI. NUMBER OF TEACHERS, NUMBER WITHOUT EXPERIENCE, NUMBER WITH EXPERIENCE, AND PER CENT OF TEACHERS WITH EXPERIENCE IN GRUNDY COUNTY [21]

YEAR	Total Number Teachers	Number Teachers Without Experience	Number Teachers With Experience*	Per Cent Teachers With Experience **
1926	72	13	59	81
1927	69	10	59	85
1928	68	9	59	86
1929	69	2	67	97
1930	75	9	66	88
1931	79	13	66	83
1932	76	10	66	86
1933	80	12	68	85

*Computed from columns 1 and 2.
**Computed from columns 1 and 3.

21. Annual Report, State Department of Education, 1926, pp. 76, 90; 1927, pp. 98, 116; 1928, pp. 100, 118; 1929, pp. 94, 112; 1930, pp. 96, 114; 1931, pp. 82, 100; 1932, pp. 96, 114; 1933, pp. 206, 224.

TABLE XLII. SALARY OF COUNTY SUPERINTENDENT, AVERAGE ANNUAL SALARY OF TEACHERS, AND AVERAGE SALARY OF MEN AND WOMEN TEACHERS, 1933 [22]

COUNTIES	Superintendent's Salary	Average Annual Salary: Men	Average Annual Salary: Women	Average Salary, Men and Women*
Grundy	$1,899.51	$637.50	$605.00	$621.25
Decatur	1,899.51	605.68	609.37	607.52
Houston	949.76	325.00	425.00	375.00
Jackson	2,034.51	603.21	566.67	584.94
Johnson	1,619.61	616.66	613.39	615.02
Stewart	1,734.68	616.66	604.41	610.53

*Computed from columns 2 and 3.

22. Ibid., 1933, pp. 226-27.

TABLE XLIII. SALARY OF COUNTY SUPERINTENDENT, AVERAGE ANNUAL SALARY OF TEACHERS, AND AVERAGE SALARY OF MEN AND WOMEN TEACHERS, GRUNDY COUNTY[23]

YEAR	Superintendent's Salary	Average Annual Salary		Average Salary Men and Women*
		Men	Women	
19	$ 600.00			$418.92[a]
1927	1,200.00	$653.36**	$592.90**	623.08
1928	1,200.00	683.76**	605.44**	644.60
1929	1,380.00			513.80[b]
1930	2,200.00	851.76**	675.76**	763.76
1931	2,200.00	759.16	682.91	721.03
1932	1,800.00			637.26[c]
1933	1,899.51	637.56	602.50	620.00

*Computed from columns 2 and 3.
**Computed on the basis of an eight-months term.
a Computed from Annual Report, 1926, p. 144, and Table XLI.
b Computed from Annual Report, 1929, p. 174, and Table XLI.
c Computed from Annual Report, 1932, p. 190, and Table XLI.

Table XLIV, page 97, shows Grundy County has no consolidated schools or transportation of pupils. Although Johnson County has five consolidated schools, there is no transportation of pupils. Of the other four counties which have consolidated schools and which transport pupils, Jackson has the highest cost per pupil, $3.66. There are only forty-one pupils. Stewart County transports 180 pupils, the highest

23. Annual Report, State Department of Education, 1926, pp. 144; 1927, p. 118; 1928, p. 120; 1929, pp. 172, 174; 1930, p. 116; 1931, pp. 102, 104; 1932, pp. 188, 190; 1933, p. 226.

number for the group, at a cost of $1.97 per pupil, per month.

Table XLV, page 98, shows that Grundy County has been backward in consolidation of schools. There has been no consolidation since 1930, and only in 1928 was there transportation of pupils in the elementary grades.

TABLE XLIV. CONSOLIDATION AND TRANSPORTATION, 1933 [24]

COUNTIES	Total Number Consolidated Schools	Number Wagons Used	Number Trucks Used	Average No. Pupils Transported Daily	Cost Per Mo. Per Pupil Transported
Grundy	0	0	0	0	0
Decatur	4	4	4	158	$2.01
Houston	5	3	3	122	1.76
Jackson	3	1	2	41	3.66
Johnson	5	0	0	0	0
Stewart	4	0	6	180	1.97

24. Ibid., 1933, pp. 232-33.

TABLE XLV. CONSOLIDATION AND TRANSPORTATION IN GRUNDY COUNTY [25]

YEAR	Total Number Consolidated Schools	Number Wagons Used	Number Trucks Used	Average No. Pupils Transported Daily	Cost Per Mo. Per Pupil Transported
1926*					
1927	1				
1928	1		1	8	$7.50
1929	1				
1930	2				
1931					
1932					
1933					

*No data given.

25. Annual Report, State Department of Education, 1926, p. 96; 1927, p. 122; 1928, p. 134; 1929, p. 118; 1930, p. 120; 1931, p. 108; 1932, p. 122; 1933, p. 232.

CHAPTER VI

CONCLUSIONS AND RECOMMENDATIONS

Conclusions. After a careful study of the elementary schools of Grundy County, Tennessee, and their contributory factors, the communities and the homes, the following conclusions are to be considered.

a. Communities.

1. Grundy County has a good road system, which makes it possible to engage in economic and social activities in other communities and in the towns.

2. The major portion of the acreage of the county is very poor soil. Only in Pelham Valley and in Collins River Valley is there good farming land.

3. The population is chiefly of Anglo-Saxon descent. There are a few Swiss people and a few negroes.

4. There is no serious moral problem. Drinking seems to be growing worse each year.

5. The communities are lacking in an organized recreation program. The social side of the people has very little outlet.

6. The churches, with their poorly-paid, over-worked ministers, are failing in religious leadership. A few communities have no Sunday School. Owing to the

large number of churches most of the ministers are required to serve, the average church can have church services only once or twice a month.

7. The average church building is rather bare and unattractive. So little seems to have been done to bring beauty into the church buildings or their services. In several instances, the school building is used for religious purposes.

8. There are no factions in the communities. The church is a dividing line, however. Different denominations create different interests and purposes, which tend to destroy community unity.

9. Seventy-five per cent of the communities are satisfied with the social and religious conditions as they exist.

10. Eighty per cent of the communities are 5.4 miles from a doctor. There is no hospital in the county. The County Health Officer is one of the chief assets of the county. His untiring efforts in behalf of the school children and their homes has improved sanitation and has made disease less prevalent.

b. Homes.

1. A comparatively large percentage of the families own their homes. The percentage would be much larger were it not for the mining communities where the property is owned by the mining companies.

2. The majority of the homes lack conveniences. The average house lacks an indoor water supply,

indoor toilet, electric lights, telephone, etc.

3. Though sanitary conditions are improved, they are still unsatisfactory. Screens and sanitary toilets are lacking in many homes.

4. The average home has no closed foundation. Little has been done to beautify the outside surroundings of the house.

5. There is a shortage of good reading matter in the homes. Those families who live in the more progressive communities of the county often subscribe to the newspaper and to a magazine or two, but many families have no papers of any kind. Good books are scarce. Cultural opportunities and the desire for them are a need of the average family in the county.

6. The chief resources of the county, coal and lumber, are greatly diminished. No new resources have developed. A large percentage of the families are, at least in part, dependent upon government aid.

7. It is unusual for a family not to have a garden. The gardens last only during the summer, as a rule. Very few families have early and late vegetables.

c. Elementary schools.

1. Nearly one half the schools of the county are one-teacher schools. Only five schools have three or more teachers.

2. Several buildings are old, and more are out of repair. Nine of the schools were built before 1900,

and six others were built within the next ten years.

3. Most of the schools are poorly equipped. The average value of the equipment of thirty-four schools is $55.00.

4. In only a few communities is there a caretaker of the school property even during the summer months.

5. The playgrounds of some of the schools are either too small or unsuitable for games.

6. There are a few of the schools which have no toilets for boys or girls.

7. Drinking water for twenty schools has to be obtained away from the school property.

8. Seventy per cent of the teachers have had one or more years of college work. Only eight teachers, or 10 per cent, are college graduates. There has been no increase in the number of college graduates since 1930. There were only six teachers in the first-year college group in 1927; in 1933 there were thirty-five. Six of the teachers have not completed their high school work.

9. Twenty-five per cent of the teachers hold permanent professional elementary certificates. In 1927 there were only two teachers who held this type of certificate. More than 42 per cent of the group have four-year professional certificates.

10. In 1933 there were twelve teachers, or one eighth of the group, who had had no teaching experience.

11. There are seventeen experienced teachers teaching in their present positions for the first time.

12. The average salary for men is $88.00 per month, and that for white women is $72.68 per month. The colored teacher is paid $75.00 per month. Several of the teachers report that they can save nothing. Others report that they can save barely enough to attend summer school.

13. The county has no supervisor. The teachers must depend upon themselves entirely. The work of the schools is not unified.

14. The teachers report that their living conditions are satisfactory.

15. Only a little more than half of the teachers expect to visit the homes of their pupils.

16. Only fifteen teachers report that they take part in community activities.

17. Less than 90 per cent of the scholastic population enrolled is in the schools. Seventy-five per cent of the enrollment is in average daily attendance.

18. There are approximately 52 per cent of the pupils in their normal grades.

19. The overcrowded curriculum places a handicap upon the teachers of the one- and two-teacher schools.

20. Eighty-five per cent of the scholastic population can read and write.

21. The per capita cost of enrollment is $19.25, while the per capita cost of average daily attendance is $25.66.

Recommendations. In consideration of the preceding conclusions, derived from the facts obtained in the county survey, and from personal observation, the following recommendations are offered:

a. Communities.

1. Thinking people have agreed that to develop youth normally it is important that the physical, mental, moral, and social life be well directed. It is known, too, that adults, to be well balanced, must play as well as work. Rural communities are slow in recognizing the need for recreational leadership. Grundy County is not lacking in potential social leaders. An organization of this group for a study of the situation, and the formation of a social program fitted to each community's needs, to be carried out in the community under the supervision of its representative of the group, would make a happier people, and would develop a healthier-minded citizenship.

2. The churches, taken as a whole, are inadequate to the spiritual needs of the communities. They are failing to impress themselves upon the people as representatives of the Good Shepherd. The economic life of the minister should be adequately provided for, and he should no longer be required to serve such a large pastorate.

This being done, the ministry will attract capable men who could devote themselves to the spiritual uplift of their people.

3. School buildings are not designed for church services. If possible, each community should have a church - a union church is preferable. The building should be kept thoroughly clean and should be made as beautiful as possible.

4. We need in this county a clergy which stresses the fatherhood of God and the brotherhood of man rather than denominationalism. This would help to do away with divisions in the communities.

5. One of the hardest problems of all is to abolish satisfaction, in the majority of people, with existing conditions. It may be brought about through comparison. The knowledge of better things being possible is necessary to arouse a community.

6. Since the average community has no doctor nearby, and since it is unable to support one in its own environs, it is essential that the county lend full support to the County Health Officer and his program of sanitation and disease prevention.

b. Homes.

1. In times of economic stress, it is to the advantage of a community, and of the county as well, to have a large per cent of its families own their homes.

2. Although the majority of the families have very little money, there are conveniences which require practically nothing except a little thought and effort. A Home Demonstration Agent would be of inestimable value in showing the people what might be done to make their homes more comfortable and attractive.

3. Sanitation of the homes can make slow progress until every house is well screened and has a sanitary toilet. Flies and mosquitoes cause much illness, especially during the summer.

4. A house with a closed foundation is not only more attractive but warmer in the winter. Closing in the foundation of a house and setting out shrubs in the yard add both beauty and value to the property. It would be an easy matter for the home owners of this county to get suitable trees and evergreens from the woods for setting out in their front yards.

5. Grundy County would be greatly benefited by a traveling library. There are only a few small libraries in the county, and they do not begin to reach the people. A library on wheels would not only furnish interesting and informational reading for those who are eager for it, but would interest other persons who, as yet, do not especially care for reading matter.

6. A great problem of this county, as of the entire country, is one of economics. The present financial uncertainty has produced fear and unrest among the people, which

in turn, has lowered their morale. Grundy County, since its mines and forests have been depleted, has been populated chiefly by poor people. Only a small percentage of them have been accustomed to depend upon the soil for a living. The average person is discouraged at the idea of farming because of the poor soil. No new resources have developed. The county is too far from a city to attract any industry. It seems that, in order to become self-supporting, the only way open to the people is to establish cooperatives. In this way the soil could be enriched more cheaply, most of the food supply could be produced, and a better price for produce could be obtained from markets outside the county. The Farm Demonstration Agent can do much to lead the people out of their difficulties. The Swiss people in the county, who are thrifty and who make a comfortable living off their land, are an example of what may be done.

c. Elementary schools.

1. Since the one-teacher schools cannot function as efficiently as the larger schools, a conservative program of consolidation should be adopted as soon as possible. A definite plan of procedure should be worked out by the county superintendent and the County School Board in conjunction with the State Elementary Supervisor. Such a program is feasible especially at this time because of the run-down condition of some of the schools and the probability

of getting aid in the form of labor as a relief project.

2. Every school should have a caretaker during the summer, and the building should be located in a neighborhood in which the people respect and protect public property.

3. When the schools are better located and are given caretakers, it will be possible to equip them properly, to keep them clean, and to make them attractive inside and outside. Grundy County schools have been greatly abused.

4. Every effort should be made to provide a playground for the school suitable to its needs. Each school should have at least one acre of land which may be used for games.

5. Sanitary toilets should be built immediately at those schools lacking them.

6. It is difficult for the teachers to take care of the cleanliness of the water, carried from sources away from the school property. Each school should have its own water supply.

7. It is evident that the teachers of the county are educating themselves. They should be encouraged in doing so by the certainty that they may retain their positions as long as their work is satisfactory. A school suffers every time a new teacher takes the place of an old one who has done good work. The teacher who is changed from school to school is prevented from developing a good teaching program which is continuous.

8. The teachers should be further encouraged to continue their professional training by being well paid. It is not surprising that there are teachers who teach only until they obtain other work, when one takes into consideration the low salaries being paid and the difficulty teachers have in collecting their salaries.

9. If the elementary school work is to be unified, the county will need to have a well-defined program of study, with a supervisor to aid the teachers of the county in carrying out its aims.

10. Unless the teacher is acquainted with the parents and the living conditions of the pupils, she cannot understand the needs of the child as she should. Every teacher in the county should attempt to visit the homes of the children at least once during the school year.

11. Many things are required of the teacher, and one of them is to be a leader not only in the school but also in the community. The community benefits from this, and so does the teacher who has the opportunity to know better the patrons and the pupils of the school.

12. In order to raise the percentage of the scholastic population who can read and write, some plan, by which the pupils may be attracted into the schools and kept there, must be worked out. It would seem logical for the school principal in each community to be given authority over the school attendance.

13. It is practically impossible for the teacher of the one-teacher school to teach well all the subjects required. It is made no easier by having the teacher of that type of school a person of little professional training, or one who is inexperienced. Since trained and experienced teachers are unwilling to teach in these schools, it would, in most cases, seem advisable to consolidate these schools.

14. Although there are reasons beyond the control of the teachers and the County Board of Education for the failure of a part of the pupils to make normal progress, still it is within the power of both to improve the situation. Since nearly one half of the pupils enrolled are retarded, it is necessary that some action be taken to correct the inefficiency of the school. Well-trained teachers, supported by a program enforcing school attendance and having a curriculum which is not weighted with too many subjects to teach, will soon raise the standards of the schools of the county.

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