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ABSTRACT
        Today Spanish speaking migrant families from the Rio
Grande Valley are moving to such eastern states as Florida and New
York, as well as to the western agricultural states. Because these
children are migratory, they have special social and physical needs.
Therefore, programs developed for them cannot focus solely on
academic needs and classroom activities. Comprehensive programs must
consider and, if possible, include the family and the community in
order to meet the children's needs as completely as possible. This
monograph discusses the development of special programs for these
Spanish speaking migrant children. Topics covered are: definition of
bilingual education and English as a Second Language (ESL), judicial
and legislative support, pre-program assessment, grade and age level,
children's length of stay, integration with or segregation from the
regular school program, selection of program models (i.e., intensive
ESL, pull-out ESL, transitional model, maintenance bilingual model,
and supplementary model), establishment of instructional program
goals based on the model, program staff, parent and community
involvement, support services, instructional materials, student and
program evaluation, and dissemination. Colleges and universities
which offer bilingual education training, and bilingual education
centers are listed in the appendices (NQ)

BILINGUAL/ESL PROGRAMS FOR MIGRANT CHILDREN

by

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2

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CONTENTS

i

11

6

INTRODUCTION

As the United States grew from a rural economy to an industrial economy, the shape of agriculture changed. Many small farms that were once family owned and operated were swallowed up. As agri-business grew, the need for cheap, temporary labor grew, and thus, migrant streams came into being. In the east, the migrant stream developed out of the share-cropping system, and has been traditionally Black, with a small number of poor Whites. Blacks, historically discriminated against, often found that the low paying temporary farm work was the only type of employment they could obtain.

In the western part of the U. S., the search for cheap labor focused primarily on immigrant groups. After the completion of the transcontinental railroad, many Chinese were recruited as farm laborers in California. Later, the Chinese were replaced by Japanese and Filipino workers. This supply of labor was limited in 1924 when Congress passed the Immigration Act excluding Orientals.

Mexicans began to enter this country in large numbers in the first decade of the twentieth century. Coming from an agrarian society, they were ideal as farm laborers. During the second World War, labor was in such short supply that Congress made an informal agreement with Mexico to accept their workers for agriculture. The _bracero_ program was formalized in 1951 to control the flow of Mexican labor into this country. The program was terminated in 1964 because Mexican workers took nearly $100 million in U. S. dollars back to their homeland each year.

1

During the years from the early part of the century to the 1960's, many of the workers who came stayed and made this country their home. The Senate Subcommittee on Migratory Labor set the migrant population at one million in 1969. The Migrant Research Project completed by the Manpower Evaluation and Development Institute in 1970 found that this migrant population was 75 percent Mexican American and 19 percent Black, with a remaining 6 percent Native American, Puerto Rican, and others. There are no current figures concerning the numbers of Spanish surnamed and/or Spanish speaking migrant workers, but estimates range from 70 to 85 percent.

The patterns of the migrant streams have changed in recent years. Because of increased job opportunities, many Blacks have been able to drop out of the eastern stream. Migrant families from the Rio Grande Valley now move to states such as Florida and New York and other eastern states, as well as to the western agricultural states. A recent survey by the state of Florida indicated that 75 percent of the migrant children in Collier County, Florida, are Mexican American. The Spanish speaking migrant now works and lives in 48 states.

This monograph is concerned with the development of special programs for Spanish speaking migrant children. Because these children are migratory, they have special social and physical needs, and programs developed for them cannot focus solely on academic needs and classroom activities. Comprehensive programs must consider and, if possible, include the family and the community in order to meet the needs of the children as completely as possible.

The fact that Spanish speaking migrant children have difficulty speaking and understanding the English language both affects, and, in many

cases, determine the implementation of migrant programs. For this reason, this paper cites much of the literature currently available in bilingual education, and attempts to point out that which is relevant to Spanish speaking migrant children. The learning process of a Spanish speaking migrant child is not much different from the learning process of a Spanish speaking non-migrant child, although studies have shown that there may be significant differences in learning processes between children of different cultural groups.

There are many difficulties in implementing English as a Second Language (ESL) and bilingual education programs for migrant children. Little-by little, through implementation of such programs and further research, better comprehensive services can be developed for Spanish speaking migrant children in the future. Since bilingual education of migrant students has only become important nationally within the past ten years, much work remains yet to be done in program development.

RATIONALE

Definitions

Children of limited English speaking ability have been defined as those "who were not born in the United States or whose native language is a language other than English, and (children) who come from environments where a language other than English is dominant. . . and by reason thereof, have difficulty speaking and understanding instruction in the English language" (United States Commission on Civil Rights Clearinghouse, 1975: p. 196). This definition certainly includes large numbers of migrant children.

There are basically two types of instructional programs that can be utilized with these children--bilingual education and English as a Second Language (ESL). The two terms are often confused, and thus are carefully defined here.

According to the Bilingual Education Act of 1974, a bilingual education program is one in which there is "instruction given in, and study of, English, and, to the extent necessary to allow a child to progress effectively through the educational system, the native language of the children of limited English-speaking ability, and such instruction is given with appreciation for the cultural heritage of such children, and with respect to elementary instruction shall, to the extent necessary, be in all courses or subjects of study which will allow a child to progress effectively through the educational system" (PIL. 93-380). More simply stated, bilingual education makes use of two languages to instruct a child who has only

4
10

a limited command of English so that he can progress effectively The amount of time spent in each of the two languages depends on the child and his skills in each language. Bilingual education, as defined by law, also includes bicultural education, which means that bilingual programs must be sensitive to the child's cultural heritage.

An ESL program is a planned instructional program for teaching listening, speaking, reading, and writing in English to children whose native language is not English. The ESL program methods used to teach foreign language education, focuses on the sound, structure, and vocabulary of the English language. ESL requires long periods of intensive instruction. Although it is an important component of any bilingual program by itself, ESL is not bilingual education, since bilingual education laws require that children be taught partly in their native language.

Judicial and Legislative Support

In recent years bilingual education and ESL have received support from several different sources. The first Bilingual Education Act of 1967 allocated monies for the development of bilingual demonstration programs, and federal support has been increasing since that time. The Lau vs. Nichols Supreme Court decision of 1972 gave further support to the concepts of bilingual education and the teaching of English as a second language. In the court decree, Justice Douglas stated: "There is no equality of treatment merely by providing students with the same facilities, text books, teachers, and curriculum; for students who do not understand English are effectively foreclosed from any meaningful education" (Supreme Court Opinion 72-6520, p. 3). The Court did not specify any remedy, but stated

that ESL and instruction in the child's native language will help migrant students receive this "meaningful education."

The Equal Educational Opportunity Act of 1974 focused on the responsibilities of school systems and decided upon and defined actions which effect a denial of equal educational opportunity. The Act states that "the failure by an educational agency to take appropriate action to overcome language barriers that impede equal participation by its students in its instructional program (United States Commission on Civil Rights Clearinghouse, 1975: p. 197) constitutes a denial of equal education opportunity." The growth of bilingual education and ESL programs has received further impetus from other legislative and judicial decisions at the federal and state levels.

Relevancy to Migrant Children

According to a recent definition, a "'currently migratory child' is a child who has moved with a parent or guardian within the past twelve months across a school district boundary or boundaries in order that a parent, guardian or member of his immediate family might secure temporary or seasonal employment in an agricultural or fishing activity" (Federal Register, July 8, 1975: p. 28624). Slightly more than half a million of these children are enrolled in the Migrant Student Record Transfer System, and there may be half a million more children who can be defined as migrant who are not carried on these rolls. If 75 percent of these children are Spanish speaking (a conservative estimate), there are at least 375,000 enrolled migrant children and as many as 375,000 non-enrolled migrant children who could benefit from bilingual or ESL instruction. These

children have special needs because of their mobility, and special needs because they don't speak much English. Too often in the past they have been looked at as "problem children" only because their needs are different. Perhaps the best example of this "problem" point of view appeared in the May, 1975 _Education Briefing Paper_ on migrant children which stated: "To make matters worse, many of them can't speak English" (p. 1).

As shown in the past, a regular school program cannot meet the needs of these Spanish speaking migrant children. Without a nationally coordinated migrant program, local educational districts cannot provide the educational continuity these children so desperately need. And without well organized ESL and bilingual education programs, these children will effectively be denied equal educational opportunity.

An agency at the federal level needs to assist states and local school districts in providing educational continuity. Since migrant children do not remain within fixed geographic boundaries, such as school districts and states for long periods of time, and since they may not attend school at all for weeks at a time, the federal government must take the responsibility for assuring that these children receive relevant and continuous educational opportunities. Since most migrant children are Spanish speaking, ESL and bilingual education must continue to be important thrusts at the national level.

States that share the same children need to work together in order to provide better educational services. In many cases, state educational agencies can provide strong leadership in the development of local educational programs. State agencies can take the initiative in providing training and technical assistance to local school districts which do not

have the resources to serve their Spanish speaking children effectively.
State migrant personnel can also be instrumental in providing materials
for local programs. Successful instructional programs are most likely to
result when personnel at all levels work together to develop them.

PROGRAM PLANNING CONSIDERATIONS

Pre-Program Assessment

Joshua Fishman and John Lovas, in the article, "Bilingual Education in Sociolinguistic Perspective" (1970), stated that realistic societal information is needed in order to establish realistic educational goals. In other words, any successful educational program must meet the needs of the community and generate community support.

Making a pre-program assessment of migrant communities' and students' needs may be particularly difficult to accomplish. Often program administrators do not know when children will arrive, where they are from, or what their needs are. Determination of community needs and desires is complicated by the fact that migrants live in more than one community in the course of their work. Not only do these factors frustrate planning at the local level, they undoubtedly contribute heavily to the rather fragmented education migrant children currently receive.

While there are no easy solutions to these problems, some programs have made attempts to solve them. In places where the pattern of migrant movement is fairly stable, personnel at the receiving site can communicate with personnel in the home base state in order to conduct a pre-program assessment. Questions that need to be asked include:

- How many limited English speakers live within the migrants' home base community?

- How many bilingual persons are in the community?

- What are their skill levels in each language?

9

•Which languages are increasing or declining within the total
home base community?

•Are students moving into or out of the home base community?

•What are the community's attitudes toward English as a second
language and/or bilingual education?

•What are the students' levels of subject matter achievement?

To obtain enough information to answer these questions, interstate

cooperation is a must. A program that has children for only a short period

of time must interact with the home base location in order to know what the

children and their community need.

Once all the basic community information is gathered in the pre-

program assessment, there are still several critical factors which affect

model selection. These factors concern general student characteristics

and program administration as related to funding.

Grade and Age Level. Grade levels of students must be carefully

considered in model selection. A group of recently immigrated high school

students who do not speak English will certainly have a more urgent need

for an intensive ESL program than a group of kindergarten children who do

not speak English. Pre-kindergarten children who do not speak English will

probably have a greater need for bilingual education to further develop

concepts they have already established in the home language and to foster

home-preschool continuity.

Length of Stay. The students' intended length of stay in the program

is another critical factor. A program that has students for six months of

the year would have more options for model selection than a program that

has students for shorter periods of time. This time factor may not be as

important if the receiving site has coordinated with the home base site to

minimize differences in instructional procedures and materials. The length of time needed to introduce a child to an instructional situation versus the total length of time the child will be in the program must be analyzed.

Integration with or Segregation from the Regular School Program. The fact that Title I Migrant monies may not be used to supplant regular school functions and services has a great bearing on model selection and program implementation. A program operating within a school system that only releases migrant children for an hour a day for special tutoring, for example, cannot expect to offer those children a full bilingual program under the auspices of the migrant program. A supplementary migrant program must focus on the special instruction which is not available to the children in the regular classroom. Migrant personnel working under such restricted conditions might encourage local school personnel to provide a bilingual program with other funds.

Whether or not limited English speaking migrant students are integrated into classrooms with native English speaking students (migrant or non-migrant) will affect the rate at which they learn English. A small group of limited English speaking students exposed to a large group of English speaking students will tend to learn English much faster than a large group of limited English speaking students exposed to a small group of English speaking students. It is natural to interact only with those who speak one's native language, especially for older students and adults, but such interaction inhibits their ability to learn the second language.

Selecting a Program Model

Several researchers and practitioners have developed models and typologies for ESL and bilingual education. Fishman and Lovas (1970) defined their program types in terms of differences in community and school objectives. They arrived at the four broad categories of: (1) transitional bilingualism, (2) monoliterate bilingualism, (3) partial bilingualism, and (4) full bilingualism.

Bruce Gaarder, in "Organization of the Bilingual School" (1967, pp. 110-120) does not consider transitional bilingual education to be true bilingual education. The factors he considers in his typology are: the number of student linguistic groups, the particular language added, mixing and/or segregation of classes, and time allotted to and treatment of the languages in the curriculum. He gave examples and descriptions of six of the eight organizational patterns.

In "A Typology of Bilingual Education" (1969), William F. Mackey developed a typology of 90 different models based on the languages used in the home, in the school, in the area, and in the nation. He further characterized curriculum in terms of transfer or maintenance, direction (acculturation or irrendentism), distribution (different or equal), and change (complete or gradual).

Unfortunately, many of these models and typologies are not appropriate for describing programs for migrant children for various reasons. First, migrant children are often not in one school long enough to establish the educational continuity which is an integral part of many of these models. Second, the restrictions placed on the use of Title I Migrant monies by the

supporting legislation does not always permit migrant programs to be fully integrated into the regular school program. Often such full integration can only be accomplished through the use of different funding sources.

This section attempts to isolate several different ESL and bilingual education models which can be implemented for migrant children. Each is described and its advantages and disadvantages discussed.

ESL Models

Intensive ESL

An intensive ESL program as described by Mary Finocchiaro (1969) is one designed specifically for English oral language development for limited English speaking students. It is not the same as a language development program for students who already speak English, as the program makes a conscious effort to teach students the features of the English sound, structure, and vocabulary systems. The program does not encourage use of the students' native language. Limited English speaking students are isolated from native English speaking students for the major part of the day for intensive ESL instruction.

An intensive ESL program could be used in a summer program to teach migrant students as much English as possible before the regular school year (which should include follow-up instruction). Intensive ESL may be especially useful with small groups of older migrant students who may not be in school much longer, and thus need to obtain as many English skills as possible in a short time span. This program could also be used during the regular school year for migrant pre-schoolers to prepare them for a

monolingual English elementary school. Because children given this program would, face a radical change in environment, extreme care should be taken to maintain a strong relationship between home and pre-schoc- to provide the children with the proper emotional support.

Probably the main disadvantage of an intensive ESL program is that it does isolate limited English speaking migrant students from important contact with native English speaking students. This peer interaction is an important learning tool that is often forgotten in education. Such segregation can cause fragmentation among student populations unless a special effort is made to bring them together in other activities.

Pull-Out ESL

In the pull-out ESL model as described in A Better Chance to Learn: Bilingual-Bicultural Education (United States Commission on Civil Rights Clearinghouse, 1975: p. 81) the student receives instruction for a portion of the day from an ESL teacher and participates in the regular English classroom instruction for the rest of the day. Such a program can be valuable for a migrant student who has enough skill in the English language to benefit from regular instruction, but who needs additional work in areas such as vocabulary development. Before assigning a migrant child to a pull-out ESL program, program directors must be sure that the child does indeed have enough skill in English to benefit from regular English classroom instruction. A pull-out ESL program is also an appropriate follow-up for migrant students who have already been in an intensive ESL program. The fact that migrant students are with their native English speaking peers for the major portion of the day undoubtedly facilitates their learning of English.

ESL Support Type Component

The concept of an ESL support type component was introduced by Muriel Saville-Troike (1974). An ESL support type component is included within the regular classroom instruction, and provides migrant students with necessary English language skills, as well as the opportunity to use these skills in a real situation. A professional or a trained paraprofessional could provide support type activities for English as a Second Language and integrate them into the regular content areas. This approach would also allow for a great deal of individualization for limited English speaking migrant students.

The main advantage of an ESL support type component is that the child learns a certain amount of subject matter as he receives language instruction. Furthermore, integration of limited English-speaking migrant students with native English speaking students promotes their learning of English.

Bilingual Models

Transitional Bilingual Model

In transitional bilingual programs, the student's native language is used to teach subject matter while the student is in the process of learning English. The native language is used as a tool to teach English. Title VII legislation and most state bilingual education laws mandate transitional programs. Several state laws mandate that students be enrolled in a transitional program for a period of three years, or until they are proficient in English.

Transitional bilingual programs are certainly a step forward for states in which it was previously illegal for a language other than English to be used in the classroom. Using the student's native language allows

21

him to further develop skills he has already begun to learn while he is learning English. It helps develop strengths the migrant student brings from home, and thus promotes a stronger home-school relationship.

Because of the length of time necessary to effect a transition from Spanish to English usage, migrant students must be in the program for a substantial span of time, and there must be a high degree of enrollment carry-over from year to year. The effectiveness of a transitional bilingual program is increased through strong coordination between the home base site and the temporary site. One such program has been successful in providing the same curriculum, the same support services, and even the same staff while the children migrate (Bilingual Mini-School Tutoring Project, 1972-75). Accomplishing this sort of coordination is by no means an easy task, but it is possible.

Maintenance Bilingual Education

Maintenance bilingual programs encourage the student to develop and maintain both languages and encourage academic growth in both languages. To be most effective, maintenance bilingual programs must be continuous, pre-K to post-secondary.

Some bilingual educators feel that maintenance bilingual education is an ideal toward which committed professionals should be reaching. They point out society's need for individuals who are fully bilingual. Transitional bilingual programs tend to phase out non-English language, although it may be considered as important as English. The disagreements between those who favor maintenance education versus those who favor transitional bilingual education are based on involved sociolinguistic, economic, and

political factors which will probably remain entangled for years to
come.

· Maintenance bilingual programs have many of the same operational
requirements as transitional bilingual programs, except that they are con-
tinued over a much longer period of time. Migrant students in these
programs must be at one site for a substantial amount of time, or else
there must be very strong cooperation between the home base site and the
receiving site. A maintenance bilingual program could best be implemented
in the home base site to which a large majority of the same families re-
turn each year and in which loyalty to the mother tongue is strong.

Supplementary Model

A supplementary bilingual model (Models of Bilingual Education,
Spring, 1972) can be used to give migrant students partial bilingual
instruction. This model requires that limited periods in the school day
be set aside for instruction in the native language. If students are in
need of ESL instruction, it is given at a separate time. The supplementary
bilingual model can be used in conjunction with any of the ESL models.

Many bilingual educators do not consider such a supplementary program
to be a true bilingual education program. Nevertheless, it is used by
some school systems which for various reasons have not been able to
implement full bilingual programs but which wish to provide limited English
speaking children with some instruction in their native language. Because
of restrictions placed on the use of Title I Migrant monies, the supplemen-
tary bilingual program sometimes provides the only means by which a small
group of Spanish speaking migrant students can receive native language

instruction within a large non-bilingual school system. The supplementary bilingual program can reinforce concepts the migrant student learns in the regular classroom as well as improve his self-concept. For maximum effectiveness, there must be close contact between the regular classroom teacher and the native language arts teacher.

Establishing Instructional Program Goals Based on Model

Administrators, staff, and community must define the goals they hope to achieve within given time limits in order to determine which bilingual and/or ESL model they wish to implement.

Once they have selected an appropriate program, program administrators decide how to pace and measure student growth in language proficiency in both the subject areas and the affective areas. The staff must determine students' initial skill levels and decide upon valid ways of measuring student achievement. Student growth is most often measured in terms of tests, checklists, inventories, etc., but other factors, such as increased attendance and decreased drop-out rates, can be very valid measures of program success.

Many programs establish goals for themselves in areas other than instruction. As program managers become more sophisticated, they establish measurable objectives for themselves in management. Objectives can also be established in the areas of curriculum materials development, staff development, parental involvement, and support services. The Pasco, Washington project reports (1972-75) give excellent examples of how to develop program objectives to meet program goals.

Instructional Program Staffing to Meet Program Goals

Unfortunately, instructional goals are more often determined by the skills the instructional staff can teach rather than the skills the children need. Because of the shortage of qualified ESL and especially of bilingual teachers, careful staffing for migrant programs is critical. Although program administrators establish overall goals for a program, classroom teachers and aides have the responsibility for establishing more specific goals and objectives for individual migrant children.

The administrative staff must have a clear understanding of what skills are necessary for the migrant teaching staff to meet the overall program goals. Mary Finocchiaro, in Teaching English as a Second Language (1969), described the required competencies for ESL teachers. Some of the competencies she listed were:

insight into the students' linguistic and cultural background;

indepth knowledge of the features of the English sound, grammar, vocabulary, and cultural systems;

skills in the methodology of teaching English as a second language;

skills and techniques in grouping;

skill to utilize and develop instructional materials consistent with program objectives and students' needs;

ability to diagnose and evaluate individual student progress; and

ability to provide a positive classroom environment and develop positive self-concepts.

In addition to this list, ESL teachers of migrant children should have a good understanding of the migrant child and his lifestyle. The ability to communicate with the migrant parent is also an important skill.

At a conference sponsored by the Center for Applied Linguistics,
bilingual educators proposed guidelines for the preparation and certifica-
tion of bilingual bicultural education teachers (The Linguistic Reporter,
October, 1974). According to this conference, migrant program administra-
tors should consider the following areas in selecting staff:

personal qualities;

language proficiency;

knowledge of linguistics;

knowledge and skills in cross-cultural settings;

skills in instructional methods;

skills in curriculum utilization and adaptation;

skills in assessment;

skills in school-community relations; and

experience in supervised teaching.

Once the administrators of a migrant program have defined the staff
skills necessary to meet their program goals, they can interview potential
staff members. The classroom staff should include both professionals and
paraprofessionals. Very rarely, if ever, will program administrators be
able to assemble a staff with all the required competencies. A careful
inventory must be taken to ascertain what skills the staff members have
and what skills they need.

As the teaching staff's skills and competencies are assessed, a program
of preservice and inservice training can be planned to meet their needs.
It is at this point that state bilingual and migrant staffs, local universi-
ties, and outside consultants can be useful. Training goals and objectives
should be established by teacher trainers skilled in the areas of migrant

education, bilingual education and/or ESL, in conjunction with classroom staff. Classroom personnel often know their own needs far better than anyone else.

Many universities have ESL teacher training programs, and a growing number of universities offer training in bilingual bicultural education from the aide level to the doctoral level (see Appendix A for a list). The Training and Resource Centers funded through Title VII also have technical expertise in these areas (see Appendix B for list). Personnel at these institutions can be utilized to structure training programs particularly relevant to the needs of teachers of migrant children.

A series of manuals for teacher training entitled New Approaches to Bilingual Bicultural Education (1974) has been developed by Manuel Ramirez, P. Leslie Herold, and Alfredo Castaneda. These manuals deal with theories of bilingual bicultural education, theories of cognitive learning styles of Mexican American children, and ways of implementing these theories in the classroom. The booklets could greatly assist a migrant program to establish its own structure for staff training.

Parent and Community Involvement

Parent and community involvement in planning a migrant program should begin before the staff is selected. Parents and communities should be involved with pre-program assessment and successive phases of planning, implementation, and evaluation. Migrant parents and community members should be consulted on policy and decision making and on setting program goals and objectives.

Unfortunately, migrant parents are frequently not in the community when most of the planning is done. The typical migrant workday of up to fourteen hours leaves most migrant parents with very little time in which to involve themselves in school programs. Still, effective communication with parents while they are still in the home base state can sometimes increase parent participation in decision making. Migrant program directors are encouraged to talk with community leaders who may themselves persuade parents to become involved with the program.

The La Grulla - Ephrata program, which is a cooperative effort between the states of Texas and Washington, has developed an innovative technique for involving parents (Bilingual Mini-School Tutoring Project, 1972-75). All migrant parents or family members who give time to the program receive hourly payments in the form of vouchers. Their activities range from working with students in the classroom and assisting with special field trips to building shelves and painting, etc. The Parent Committee decided that all money earned through working in the program would be donated to a special fund which is controlled by the committee. To date, the funds have been used to make emergency loans to families, to buy playground equipment, and for special holiday parties for the children and families. Thus, the money invested in parent involvement has benefited the program in many ways. Other programs have encouraged parent involvement by giving one free hour of babysitting for each hour worked in the program.

Not only should migrant parents be involved in their children's education, but also in educational programs for themselves. Parent education programs must be carefully planned to insure that they do reflect the needs and desires of migrant parents and are convenient for them to attend. Adult

educational programs can also be extended to include older teenagers. Some such possible programs include ESL classes, high school equivalency (GED) or consumer education classes. To involve the migrant parents further in their children's education, a toy lending library could be implemented. This type of program would not only provide toys to families, but would also teach parents how to play with their children to promote their cognitive and psychomotor development. Previously successful programs have included nutrition education classes for parents. Such classes teach migrant parents how to prepare nutritious inexpensive dishes as well as the basic concepts of nutrition. A well-planned adult migrant program might stress the cultural food preferences of the parents and introduce new but inexpensive "American" dishes.

Finally, parents should be employed as instructional personnel and support staff whenever possible. Parents on a migrant staff provide a most important link between school and community. Furthermore, parents who assume jobs in instructional programs may no longer need to work as migrants. And as migrant children begin to see community parents in the classroom, they may become more aware of job opportunities outside the migrant stream.

The permanent residents of the host community should be involved as much as possible in migrant programs. The cooperation of the grower or farm manager can be most important. Such permanent residents must be convinced that the advantages of a migrant program for children outweigh possible unpleasant consequences for themselves. Involving permanent community members in the program can do much to break down traditional barriers between the host community and the migrants.

Support Services

Support services must be an integral component of a migrant program. A child who is not healthy and does not have a well-balanced diet will not learn well in the classroom. Before the migrant children arrive, contacts for support services must be made, and a file listing available services must be started. A plan for conducting the child and family needs assessments for health and social services and for providing follow-up services should be developed and person(s) responsible for each aspect should be designated. The Migrant Student Record Transfer System should provide the basic medical record keeping system, but each program will need its own social services record keeping system.

General arrangements for medical and dental check-ups must be anticipated. Special consideration must be given to locating either support services personnel who can speak the language of the students and the parents or staff who can translate. A bilingual staff may be useful in social service areas such as food stamps, Medicaid, and possibly housing.

Food services must also be planned before the students arrive. Many programs have made special efforts to incorporate the students' ethnic foods into the food services program. A parent advisory committee can provide innovative ideas for food services.

CLASSROOM CONCERNS

The program staff must decide how to organize the classroom to meet the program goals and the needs of individual migrant students. The program model selected will do much to structure the classroom program and schedule. The basic strategies for ESL and bilingual classrooms are discussed in this section.

The ESL Classroom

In an ESL support type program, the bilingual instructor works in the classroom alongside the regular classroom teacher. While the classroom teacher is carrying out regular activities, the bilingual instructor assists limited English speaking students in understanding the concepts presented as well as in gaining English second language skills. The teachers plan classroom activities together.

Teachers must decide how much time will be devoted to ESL activities each day. Time spent on ESL should depend largely on the students' ages and attention spans, as well as upon how much they could learn informally from native English speaking students in non-academic situations such as physical education, art, music, etc.

Listening and speaking are the skills emphasized for beginning ESL students and for younger students at any proficiency level. It should be emphasized that placing a limited English speaking student in a remedial English language arts program primarily designed to teach reading does very little to teach the child English. Learning to read is a complicated

25

task, and a child cannot do it well unless he has good listening, comprehension, and speaking skills.

Children needing ESL instruction will be at a variety of skill levels, and will probably need to be grouped for instruction. Careful grouping by skill rather than age level will make the ESL teacher's task much easier.

The Bilingual Classroom

If a school system selects a supplementary bilingual program, instruction in the native language will be given during a set aside portion of the day, usually by a teacher employed specifically to teach migrant children. The regular classroom activities will remain fairly much the same, although the supplementary classes should be coordinated with the regular classroom.

In both the maintenance and the transitional bilingual programs, classroom schedules and organization must be structured to provide children with exposure to and practice in both languages. Some programs recommend that language use should not be structured and that there should be free alternation of languages. Specialists in child language acquisition generally disapprove of this practice, saying that languages should definitely be kept separate so children will not confuse the two. These researchers feel that free alternation of languages will result in one "mixed language" instead of two independent language systems.

There are various ways of separating the two languages in the classroom. One alternative is to separate languages according to subject matter; for example, language arts and social studies may be taught in Spanish, math and science in English. A second alternative is to divide language use by time; for example, in the morning Spanish is used, in the

afternoon English is used. A third alternative, which can be very appro-
priate for a team-teaching situation, is separating the languages by
teacher; e.g., the children speak English with Ms. Smith and Spanish with
Mr. Garcia. A good discussion of classroom design appears in <u>A Handbook
for Bilingual Education</u> (Saville and Troike, 1971).

As with ESL, consideration must also be given to grouping children
for various activities. Migrant children will arrive with a wide range of
skill levels and language levels. Some may speak no English, and some,
though Spanish surnamed, may speak no Spanish. Their instructional needs
will obviously be quite different and many activities will have to be done
in small groups or on an individual basis. Classroom aides and parent
volunteers can be most important in these efforts, but it is still the
responsibility of the classroom teacher to organize the classroom and handle
the basic groupings.

Materials

Instructional materials are important to an educational program.
Materials often structure much of the classroom activity. Properly selected
commercial materials can help the teacher provide a well defined scope and
sequence of instructional objectives. Well planned and developed teacher
made materials can provide an extra spark in student learning.

Bilingual and ESL teachers are fortunate that in the past few years
more and more instructional materials have become available. While many
materials will not fit any given program because of the differences in local
language and culture, there are still many other materials available that
can be adapted. The Bilingual Education Service Center of Illinois has

produced a document, Curriculum Materials for Bilingual Programs (Alvarado, 1973), which lists 3400 titles of materials in Spanish and English, and a supplement which lists an additional 675 titles (DeHoogh and Swanson, 1974). For each title, the subject, the suggested grade level, the media, the publisher, and the distributor are listed. Under a grant from the National Institute for Education, the Educational Products Information Exchange Institute evaluated over 100 Spanish language arts series in the EPIE Report: Number 73, Selector's Guide for Bilingual Education Materials (1976). A second volume, EPIE Report: Number 74, Selector's Guide for Bilingual Education Materials, Spanish "Branch" Programs, evaluated instructional materials in various subject areas. Those reports should be most helpful for migrant programs in the process of selecting materials.

The ESL classroom needs materials for teaching English vocabulary, structure, and pronunciation. Colorful pictures and audiovisual aids seem to be some of the best tools for teaching language. Puppets and many everyday objects can be necessities in the classroom. If the ESL teacher plans to coordinate ESL activities with the regular classroom activities, she must have materials that will focus on the classroom curriculum areas. These materials can be teacher made, or student made, or come from a variety of commercial sources. Often, one student teaching another with materials he has made stimulates learning.

The bilingual classroom needs materials for language arts in both languages, as well as materials in other subject areas in the language in which the subjects will be taught. It is most important that the materials selected be appropriate for the local language and culture. While few commercial materials will reflect a localized dialect, they can still be

used successfully with children. Curriculum developers are now leaning
toward the use of a standard "international" Spanish, rather than localized
dialects. Adaptation of materials by local migrant teachers can bridge the
gap.

The Reading is Fundamental Program and Proyecto Leer are excellent
sources for leisure reading materials in Spanish and English. Leisure
reading materials are important for establishing a habit of reading in
children. Other sources of materials are the materials development centers
and the dissemination and assessment centers funded through the Bilingual
Education Program (see Appendix B).

MEETING INDIVIDUAL STUDENTS' NEEDS

The academic and social growth of each and every student is the ultimate goal of any instructional program. To tailor an effective instructional program for each migrant student, the teacher must determine what skills each student has and what skills he needs. Ongoing diagnosis and evaluation of student progress is necessary during the course of a program to redirect teaching efforts

Cognitive Needs

To insure the most effective teaching of a limited English speaking migrant child, his teacher must quickly determine his skill level in the English language, the content areas, and, for a bilingual program, his skill in the native language. Teaching a child a skill that is inappropriate for his level is a waste of time that a teacher of migrant children cannot afford. Although much information is available on the Migrant Student Record Transfer System, each teacher must do some testing and diagnosis.

Tests of varying quality are available for diagnosing language proficiency, language dominancy, and academic achievement. The book, Evaluation Instruments for Bilingual Education: An Annotated Bibliography (1975), describes instruments that may be used with migrant children, and is available from the Dissemination and Assessment Center for Bilingual Bicultural Education. The Northwest Regional Educational Laboratory has evaluated language dominancy instruments in the publication Oral Language Tests for Bilingual Students: An Evaluation of Language Dominance and

30

36

Proficiency Instruments (1976). These tests may be particularly helpful
for ESL and native language placement. As with instructional materials,
care must be taken in selecting instruments to be sure that they are appro-
priate for the student population and will give the information necessary
for instructional program planning.

An instructional program is designed, or prescribed, for each child
based on the diagnosis of each child's skill level. The prescription sets
general goals (e.g., Juan will improve his pronunciation) as well as
specific objectives (e.g., Juan will pronounce v as in vase). The goals
should provide sequential and continuous growth in English, the content
areas, and in the native language if the program is bilingual. Goals for
individual student achievement should be consistent with overall program
goals.

The classroom environment should be organized so that the individual
child can master the prescribed skill in the learning strategy that best
suits him. Activities that can be very effective at times include work at
learning centers, individual work, and small group work. Sometimes a stu-
dent can master a skill most effectively with one-to-one tutoring by a
teacher, aide, volunteer, or specialist. Ramirez points to some interesting
concepts on the different cognitive learning styles in New Approaches to
Bilingual Bicultural Education No. 4 Field Sensitivity and Field Independence
in Children (1974). He states that Mexican American children tend to be
"field-sensitive" and work better with their peers, whereas Anglo children
tend to be "field-independent" and work better by themselves. According to
this, the American school system, which traditionally emphasizes indivi-
dualism and competitiveness, is not providing the most efficient learning

situations for Mexican American children. For many of them, group learning activities may be much more appropriate. Ramirez's theories on the cooperative behavior of Mexican American children as opposed to the competitive behavior of Anglo children have interesting implications on how learning situations should be structured for Mexican American children. Administrators and classroom teachers dealing with Mexican American migrant children should be familiar with Ramirez's concepts.

The initial diagnosis and prescription are only the beginning of the testing process. After the child is taught each objective, his learning needs to be evaluated and new skills to be learned prescribed. Ongoing diagnosis and evaluation can be done daily, or, at a minimum, weekly. Continual evaluation needs to be done not only to measure the student's growth, but also to measure the effectiveness of the activities the teacher has structured. Ongoing diagnosis and evaluation can be done in a variety of ways, including teacher observation, checklists, and criterion referenced tests. Norm-referenced tests are usually used at less frequent intervals than needed for ongoing classroom planning.

Affective Needs--Biculturalism

A child's positive self-concept is necessarily related to a positive concept of his home. Therefore, it is almost impossible to speak about a limited English speaking migrant child's affective needs without talking about a biculturalism in the classroom. Numerous studies have shown the relationship of children's self concept to their academic achievement. Regardless of the program model, affective needs must be met.

Biculturalism is especially important for bilingual prog.ams because
of the close relationship of the language to the culture. Biculturalism
can also be an important part of an ESL program because it makes children
feel that the home culture is accepted while introducing a new culture. A
bicultural enrichment program can help foster mutual respect and under-
standing between Spanish speaking migrant students and Anglo students.

Bicultural enrichment can be integrated into core subject areas such
as language arts and math. A student can just as easily learn to read if
he is reading about Juan and Maria rather than Dick and Jane. The values
and lifestyles of Juan and Maria (who are hopefully not just Dick and Jane
colored brown) may be similar to his own. In math, it is just as efficient
for a child to learn to count objects that are culturally relevant to him
rather than unknown objects.

It should not be hard to bring bicultural elements into the areas of
social studies, music, and art, as they are "naturals" for studies of cul-
ture. Holidays, varying styles in clothing, and geography can be taught
migrant students in all grade levels partly by showing them examples in
the community. Music and art can show students that there are many creative
outlets in all cultures. Nutrition education and food experiences may be
studied in conjunction with social studies and the arts. Nutrition educa-
tion can teach migrant children ways in which foods within their culture
are good for them, as well as introduce them to foods that they have never
experienced. A creative nutrition education program could structure food
experiences around various cultural topics.

Career education can be used to point out many positive aspects of
bilingualism and biculturalism. Through studies in career education,

migrant students can learn about many job opportunities which will be open
to bilingual students who complete high school and/or college. Students
at the elementary level and even at the kindergarten level are not too
young. to become aware of various career options open to them.

Using migrant parents in the classroom also promotes biculturalism.
Parents can be used as assistants for special events such as field trips
and parties, as well as in the everyday classroom curriculum. A migrant
parent may have a special talent in cooking that he or she can share in
a nutrition education class. Another migrant parent may be musically
talented and may be proud to teach the children songs or how to play
various musical instruments. A creative science lesson could include a
study of food producing plants with a migrant parent taking a large part
in the discussion. The opportunities for involving migrant parents in
the classroom are limited only by a teacher's imagination.

Finally, bicultural education should teach not only an appreciation
of the home culture, but an awareness of and an ability to deal with the
dominant culture. The purpose of such education is to give the migrant
child skills to deal with those different from himself and to increase
his options in adult life. Bilingual education is especially critical
for the migrant child who may be isolated in rural areas away from the
dominant culture. Migrant students can learn much from field trips to
department stores, factories, offices, etc. If his education is success-
ful, eventually the migrant child will feel that he does indeed possess
the ability to cope with nearly everything in this multi-cultural, multi-
lingual world.

PROGRAM EVALUATION AND DISSEMINATION

Evaluation is an essential part of any program, necessary to measure the success of the past efforts, as well as to insure successful planning in the future. Methods of program evaluation must be decided upon before the program in question is ever launched.

Programs may be evaluated in the areas of management, staff development, education, parental involvement, and support services (social services, health, nutrition), among others. Evaluation can be carried out in terms of process (for example, what activities will we carry out to meet our goals?) and produce (for example, what will the end result be?). Both the process and the product evaluations must be consistent with the goals established at the program outset. A series of excellent references for program evaluation are the mid-year and program year evaluation reports for the Bilingual Mini-School Tutoring Project (1972-75).

Once a program evalvation is completed, it should be used in future program planning, and not put on a shelf to collect dust. If it is particularly well planned and informative, it may be disseminated to other programs and to interested administrators. A well planned and carried out evaluation can be an excellent way of assisting other programs by showing them what has and has not been effective. If certain new approaches are of special help to children, they are worth sharing.

35

41

SUMMARY AND RECOMMENDATIONS

The limited English speaking migrant child is not an "unusual child."
He is only a child with special needs. Since school systems do not gen-
erally have much experience in dealing with migrant children, this monograph
is intended to give these school systems some ideas with which they might
provide better educational opportunities for Spanish speaking migrant
children.

The education of Spanish speaking migrant children has been neglected
at federal, state, and local levels. There has never been an adequate
count of migrant children. The Migrant Student Record Transfer System
does collect a lot of information about these children, but it fails to
record either the child's home language or his dominant language. Cer-
tainly this information is as critical to program planning as the child's
scores on specific tests, which are listed. Before Spanish speaking
migrant children's needs can be met on a national level, determination of
the number of migrant children currently enrolled in elementary and high
schools is needed to get Congressional support and funds for migrant
programs.

State educational agencies and local educational agencies must also
become more aware of the needs of Spanish speaking migrant children.
Efforts to meet their needs must be made in states without ESL or bilingual
legislation, as well as in those with such legislation. State agencies
must provide leadership to local schools that need special expertise, as
well as distributing funds for various local projects. Hopefully, through

36

42

combined efforts at federal, state, and local levels, all migrant children
who need bilingual education or ESL will have access to such programs.

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APPENDIX A

List of Colleges and Universities Offering
Bilingual Education Training

Dr. Carlos Vallejo
Arizona State University
College of Education
Tempe, Arizona 85281

Dr. Rodolfo Serrano
California State University at
 Bakersfield
School of Education
9001 Stockdale Highway
Bakersfield, California 93309

Ms. Sylvia Rose Gonzalez
California State University,
 Dominquez Hills
School of Education
1000 East Victoria Street
Dominquez Hills, California 90747

Dr. Charles F. Leyba
California State University at
 Los Angeles
Bilingual Teacher Training Center
5151 State University Drive
Los Angeles, California 90032

Dr. Dolores Escobar Litsinger
California State University at
 Northridge
Department of Elementary Education
Northridge, California 91324

Dr. Roberto D. Segura
California State University at
 Sacramento
Department of Teacher Education
6000 J Street
Sacramento, California 95819

Dr. M. Reyes Mazon
San Diego State University
Institute for Cultural Pluralism
School of Education
San Deigo, California 92182

Dr. Gustavo Gonzalez
University of California at
 Santa Barbara
Graduate School of Education
Bilingual/Cross-Cultural Program
Santa Barbara, California 93106

Dr. Jose R. Llanes
University of San Francisco
Multicultural Program
Golden Gate and Parker Avenues
San Francisco, California 94117

Dr. Gus Garcia
University of the Pacific
School of Education
Stockton, California 95211

Dr. Leonard Baca
University of Colorado
School of Education
Division of Educational Specialists
Boulder, Colorado 80309

Dr. Byron Massiales
Florida State University
School of Education
Tallahassee, Florida 32306

Dr. Henry Trueba
University of Illinois at Urbana
College of Education
329 Education Building
Urbana, Illinois 61801

Dr. Kenneth Nickel
Wichita State University
College of Education
Box 28
Wichita, Kansas 67208

Dr. Maria E. Brisk
Boston University
School of Education
Boston, Massachusetts   02215

Dr. Sylvia Viera
University of Massachusetts
School of Education
Bilingual Bicultural Professions
  Program
Amherst, Massachusetts   01002

Dr. James Snoddy
Michigan State University
School of Education
Room 349 Erickson Hall
East Lansing, Michigan   48824

Dr. Tadashi Kikuoka and
  Dr. Albert Reiners
Seton Hall University
Center of Bilingual Education
South Orange, New Jersey   07103

Dr. Atilano Valencia
New Mexico State University at
  Las Cruces
Educational Resource Center
Box 3AC
Las Cruces, New Mexico   88003

Dr. William Sanchez and
  Dr. Jane Kopp
University of New Mexico at
  Albuquerque
College of Education
107 Education Administration Building
Albuquerque, New Mexico   87131

Dr. Richard Baecher
Fordham University
School of Education at
  Lincoln Center
Room 1024 -- 113 West 60th Street
New York, New York   10023

Dr. Isabel Sirgado
Hofstra University
School of Education
Hampstead, New York   11550

Dr. Gladys Wolff
Long Island University at
  Brooklyn Center
385 Flatbush Avenue
Brooklyn, New York   11201

Dr. Pedro Algarin
New York University
735 East Building
Washington Square
New York, New York   10003

Dr. Efthimia Bozinou
St. John's University
Grand Center and Utopia Parkways
Jamaica, New York   11439

Dr. Lester Golub
Pennsylvania State University
College of Education
University Park, Pennsylvania   16802

Dr. Max Castillo
University of Houston
Department of Curriculum and
  Instruction
Bilingual/Multicultural Program Area
Houston, Texas   77004

Dr. George Blanco
University of Texas at Austin
College of Education
Austin, Texas   78712

Dr. Marie Barker
University of Texas at El Paso
College of Education
El Paso, Texas   79968

Dr. Albar A. Pena
University of Texas at
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Dr. Alfredo Castaneda and
Dr. Arturo Pacheco
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University of Oklahoma
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Texas A and I University
Bilingual Education Center
Kingsville, Texas 78363

APPENDIX B

Bilingual Education Centers

Training Resource Centers

Roberto Cruz
Berkeley Resource Center
2168 Shattuck Avenue
Berkeley, California   94704
(415) 549-1820

Anthony M. Vega
Comprehensive Educational Assistance Center
800 North State College Boulevard
Fullerton, California   92634
(714) 870-3109

Steven F. Arvizu
Cross-Cultural Resource Center
6000 "J" Street
Sacramento, California   95819
(916) 454-6985

M. Reyes Mazon
Bilingual Education Training Resource Center
Institute for Cultural Pluralism
5544½ Hardy Avenue
San Diego, California   92182
(714) 286-5193

Maria Medina-Swanson
Midwest Resource Center for Bilingual Bicultural Education
Bilingual Education Service Center
500 South Dwyer Avenue
Arlington Heights, Illinois   60005
(312) 255-9820

Robert Fontenot
University of Southwestern Louisiana
Bilingual Bicultural Resource Center
East University Avenue
Lafayette, Louisiana   70504
(318) 233-3850

(Source: Office of Bilingual Education, U. S. Office of Education)

Antonio Simoes
New England Bilingual Training Resource Center
765 Commonwealth Avenue
Boston, Massachusetts 02215
(617) 353-4365

Jose A. Gandert
Southwest Bilingual Education Training Resource Center
The University of New Mexico
College of Education
Albuquerque, New Mexico 87131
(505) 277-3551

Carmen Velkas
Regional Bilingual Training Resource Center
Center for Bilingual Education
110 Livingston Street, Room 224
Brooklyn, New York 11202
(212) 858-5505

Dr. Frank X. Sutman
Merit Center
Ritter Hall Annex, Room 434
Broad Street and Montgomery Avenue
Philadelphia, Pennsylvania 19122
(215) 787-6258

Adeline Becker
New England Multilingual-Multicultural Teaching
 Resource Center
86 Fourth Street
Providence, Rhode Island 02906
(401) 331-3627

Joel Gomez
South Central Bilingual Resource Center
Region XIII Education Service Center
6504 Tracor Lane
Austin, Texas 78721
(512) 926-8080

Dr. Hugo Rivera
National Network of Bilingual Bicultural Education
Intermountain Resource Center
2201 East 13th Street
Salt Lake City, Utah 84109
(801) 581-8221

Dr. Robert Manion
Bilingual Education Technical Assistance Center
P. O. Box 1357
Tacoma, Washington 98401
(206) 383-1811

Dr. Juan Juarez
Bilingual Training Resource Center
University of Washington
122 Miller Hall
Seattle, Washington 98195
(206) 543-9424

Dissemination and Assessment Centers

John Correiro
Dissemination and Assessment Center
Lesley College
29 Everett Street
Cambridge, Massachus :s 02138
(617) 492-0505

Charles Leyba
Asseasment and Dissemination Center
California State University
5151 State University Drive
Los Angeles, California 90032
(213) 224-3631

Joel Gomez
Dissemination and Assessment Center for Bilingual Education
Education Service Center - Region XIII
Program Development Division
6504 Tracor Lane
Austin, Texas 78721
(512) 926-6129

Materials Development Centers

Tupou Pulu
Alaskan Native Language Material Development Center
University of Alaska
Rural Education Affairs
104 Bunnell
Fairbanks, Alaska 99701
(907) 479-7259   (Develops for Alaskan
                                     Languages)

Elizabeth M. Antley
Arizona Bilingual Materials Development Center
University of Arizona
1434 East 2nd Street
Tucson, Arizona 85721
(602) 884-3724

Dennis Fukumoto
Asian Bilingual Material Center
15 West Alhambra Road
Alhambra, California 91801   (Develops for Chinese,
(213) 289-5411   Japanese, and Korean)

Linda Wing
Asian American Bilingual Center
2168 Shattuck   (Develops for Chinese,
Berkeley, California 94704   Japanese, Korean,
(415) 848-3199   Filipino, and Samoan)

Roberto Ortiz
Multilingual-Multicultural Materials Development Center
3801 West Temple Avenue
Pomona, California 91768
(714) 598-4984

Ralph Robinett
Spanish Curricula Development Center
7100 N. W. 17th Avenue
Miami, Florida 33147
(303) 696-2244

Henry Trueba and Rudolfo Martinez
Midwest Office for Materials Development
University of Illinois
College of Education
Urbana, Illinois 61801
(217) 333-2615

Andrew Ford
National Materials Development Center for French and
 Portuguese
168 South River Road
Bedford, New Hampshire 01102   (Develops for French and
(603) 668-7198   Portuguese)

John Young
Asian Bilingual Curriculum Development Center
4400 South Orange Avenue
South Orange, New Jersey 07079   (Develops for Chinese,
(201) 762-9000   Korean, and Japanese)

Gloria Emerson
Native American Materials Development Center
407 Rio Grande Blvd., N. W.
Albuquerque, New Mexico   87103
(505) 242-5222   (Develops for Navajo)

Aurea Rodriguez
Nort'east Center for Curriculum Development
778 Forest Avenue
Bronx, New York   10456

Carlos Perez
Bilingual Materials Development Center
6000 Camp Bowie Road
Fort Worth, Texas   76107
(817) 731-0736

Juan Solis
The National Center for the Development of Bilingual
 Curriculum
3700 Ross Avenue
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ABSTRACT
        The purpose of this bulletin is to inform citizens
and policy makers about the nature and scope of crime in rural Ohio,
the characteristics of those committing crimes in rural areas, and
protective means currently employed by rural residents to protect
themselves and their property. Data are derived from the Uniform
Crime Reports published by the Federal Bureau of Investigation and
two studies conducted by the author for governmental agencies. The
nature and scope of crime in rural Ohio is reported as follows: 305%
increase in rural crimes between 1965 and 1974; vandalism constitutes
38% of all rural crimes; thievery constitutes the second most
frequent crime; less than 50% of rural crimes are reported; laxity of
courts, lack of law enforcement, laxity and breakdown of family life
are the reasons most often cited for the increase in crime; the
reasons given for not reporting crimes include "it is no use",
"difficult to enforce", "red tape", etc. The characteristics of Ohio
rural offenders are reported as follows: 74% are under 30 years; 16
and 19 year olds are the most often arrested groups; 87% are male;
27% are students; 60% are urban residents; 64% are single; 45% are
arrested in a group; 23% are intoxicated; 31% have previous records;
and 93% are white. This report indicates that among rural Ohio
residents many do not lock their homes, less than 50% lock their
autos, and most do not lock their buildings or equipment. (JC)

RURAL CRIMES and RURAL OFFENDERS

by

Dr. G. Howard Phillips
Extension Rural Sociologist

1965   1970   1974

YEARS
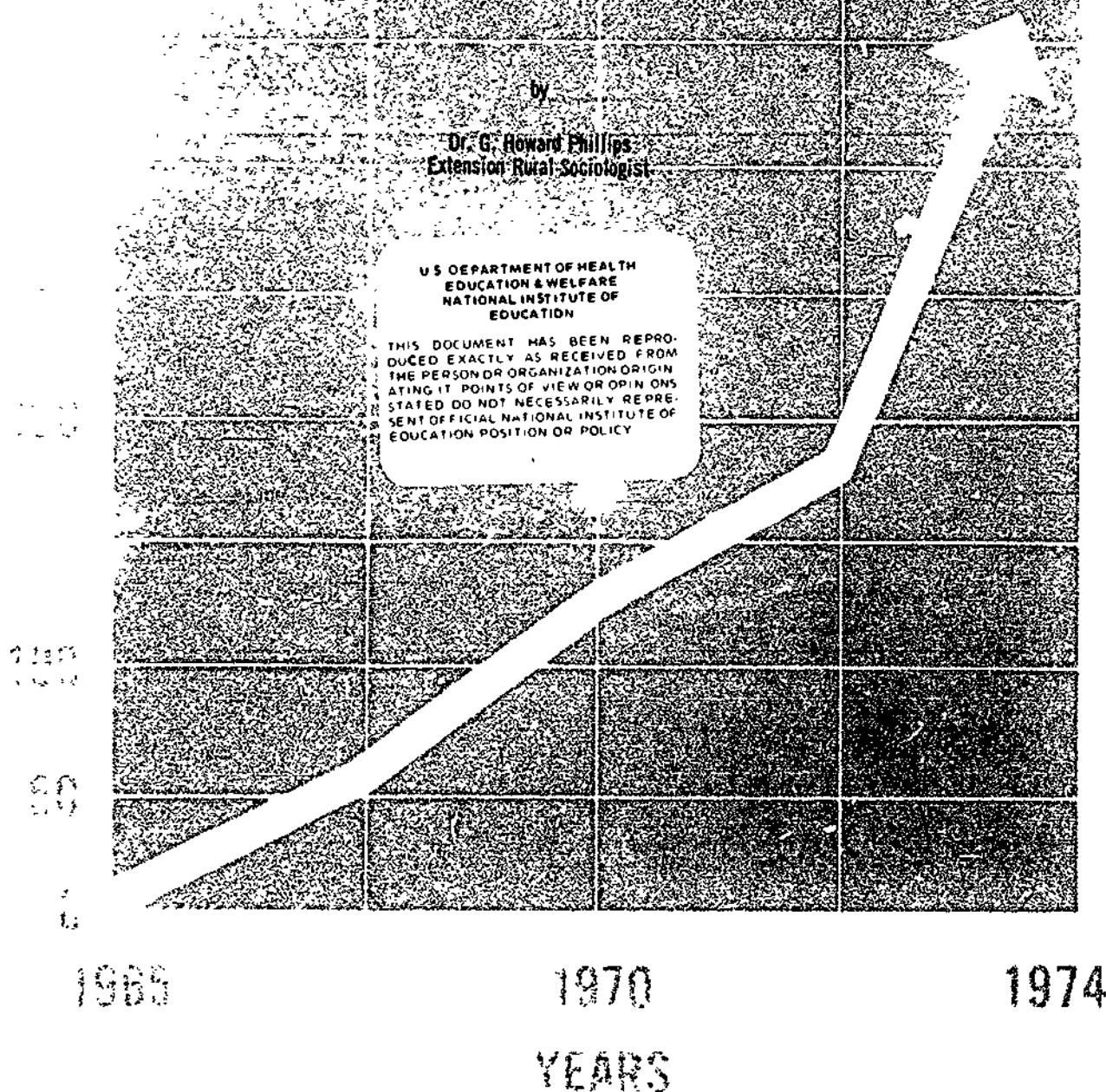
ACKNOWLEDGMENT

Summary

The purpose of this bulletin is to inform citizens and policy
makers about the nature and scope of crime in rural Ohio, the character-
istics of those committing crimes in rural areas, and protective means
currently employed by rural residents to protect themselves and their
property. Each sub-purpose is summarized below:

Nature and Scope of Crime in Rural Ohio

- 305 percent increase in crimes occurred to rural Ohioans from 1965 through 1974.

- Vandalism is the leading crime in rural Ohio (38 percent of all crimes).

- Thievery is the second most frequent crime in rural areas.

- Less than one half of crimes occurring to rural residents are reported to law enforcement authorities.

- Laxity of courts, lack of law enforcement, laxity and breakdown of family life are the reasons most often cited for the increasing number of crimes in rural areas.

- Rural residents who do not report crimes state such reasons as: "it is no use," "difficult to enforce," "red tape," etc.

Characteristics of Offenders

- 74 percent are under 30 years of age
- 16 and 19 year olds are the most often arrested age group
- 87 percent are male
- 27 percent are students
- 60 percent are urban residents
- 64 percent are single
- 45 percent are arrested in a group
- 23 percent are intoxicated
- 31 percent have previous records known to the police
- 93 percent are white

Protective Means Used by Rural Residents

- Many rural Ohioans do not lock the door to their residence when not at home
- Less than half lock their autos
- Most do not lock their buildings or equipment

4

1

Implications

With the year by year increase in crimes committed in rural areas, rural Ohioans no longer can enjoy the luxury of not having to worry about vandalism, thievery, or a multitude of other crimes. Not only are these mounting crimes costly but also the peak probably has not yet been reached.

You cannot completely eliminate the potential of being a victim of crime, but you can reduce the probability. For example, to reduce the chance that your house will be burglarized:

- Make your home look occupied
- Lock all outside doors before you leave or go to bed
- Leave lights on when you go out. A radio playing is also a good burglar deterrent. If you're going to be away any length of time, connect some lamps to automatic timers so your lights turn on at dusk and go off at bedtime.
- Keep your garage door closed and locked
- Don't allow daily deliveries to accumulate when you're gone
- Arrange to have your lawn cut in summer and walks shoveled in winter if you're going to be away for an extended period of time

For information on crime prevention, security procedures, and ways to reduce the chances you will be victimized, contact the Extension Safety Specialist, 2120 Fyffe Road, The Ohio State University, Columbus, Ohio 43210, for pamphlets and other publications or check with your local law enforcement officials.

From a community perspective, much thought and effort needs to be given to developing programs to reduce crimes of opportunity. Law enforcement officials and volunteer organizations more and more are organizing neighborhood and community groups to seek solutions to local problems. Check with leaders of local groups to find out if such activities are being conducted in your community. If not, perhaps you would like to help initiate such a group to meet the needs of residents of your community.

The best safeguard to crime is people who will not knowingly or willingly commit crimes. This is a moral problem requiring solutions at the individual, family, and community levels. No prescription suitable to all can be offered. Churches, schools, and families, the traditional carriers of cultural values, need to examine what young people are being taught about deviant behavior and from what sources are they being influenced. Take the initiative in your community to seek longer term solutions to this increasing problem.

5

Rural Crime and Rural Offenders

"Horse stealing appears to be more
prevalent in those sections of the
state (Ohio) where horse protective
associations are not organized.
. . . Paul L. Vogt (1)

As observed by Vogt in the above 1918 quote, crime is not a new,
phenomenon in rural Ohio. However, what is new about crime in the country
is its rapid rate of increase in the last decade. Crimes known to police
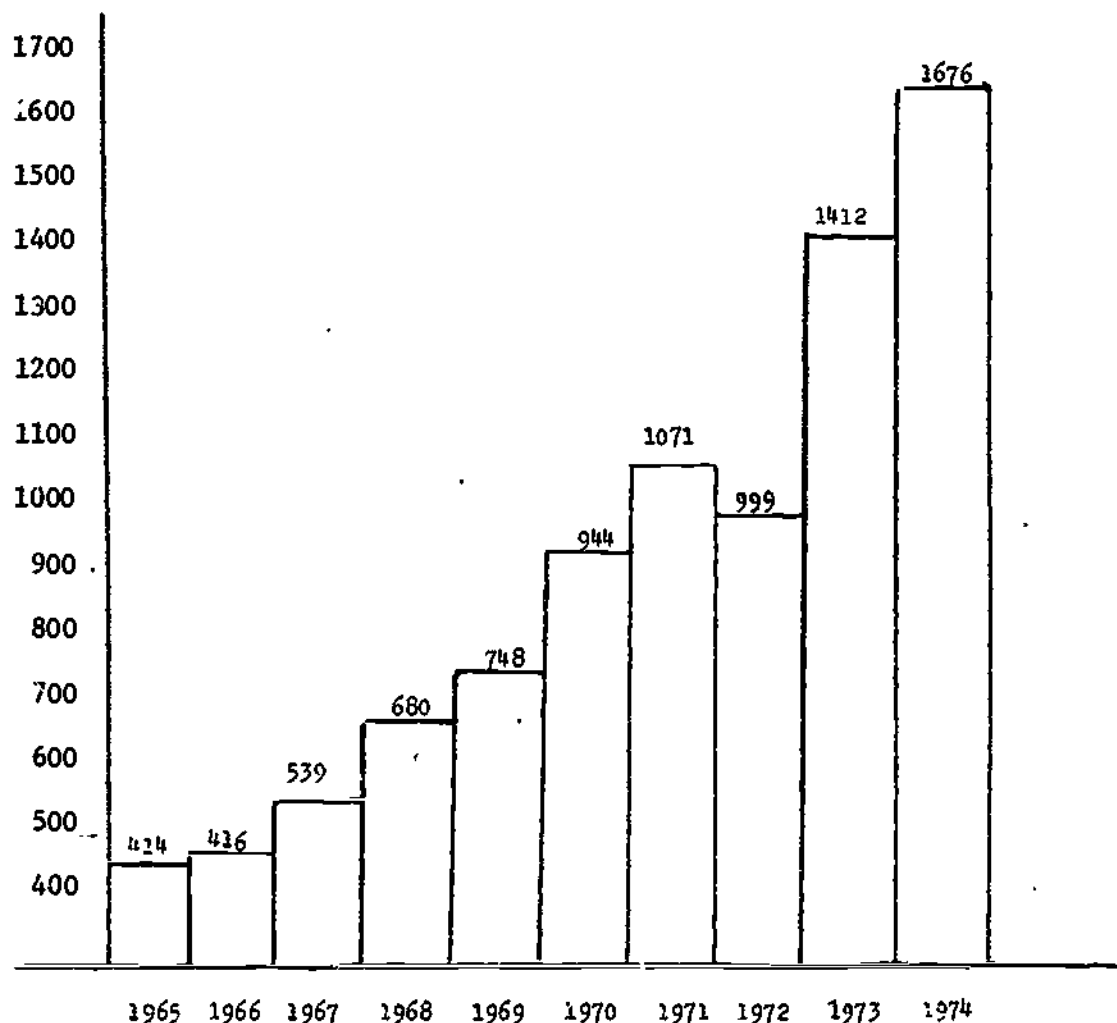in rural Ohio increased by 305 percent from 1965 through 1974.

Figure 1: Ohio Rural Crime Index rate* for 1965-1974.

Source: Uniform Crime Reports, 1965-1974.
        *The crime rate is based on offenses of murder, forcible rape,
        robbery, aggravated assault, burglary, larceny-theft, and auto
        theft per 100,000 inhabitants.

The purpose of this bulletin is to inform citizens and policy makers about the nature and scope of crime in rural Ohio, the characteristics of those committing crimes in rural areas, and protective means now employed by rural residents to protect themselves and their property.

Data presented in this bulletin are taken from the Uniform Crime Reports published by the Federal Bureau of Investigation and two studies conducted by the author for the Ohio Farm Bureau Federation; Administration of Justice Division, Ohio Department of Economic and Community Development; and the Ohio Agricultural Research and Development Center. All publications are cited in the reference section.

Crime is generally defined as a violation of criminal law; not all laws are criminal laws. Rural crime are those crimes committed in places with a population of 2,500 or less. This includes both small towns as well as the open country.

Types of Crimes in Rural Areas

The percent of crimes occurring to rural Ohioans may be observed in Figure 2. Crimes listed here are those offenses reported by victims as occurring to themselves or members of their family. Included also are crimes not reported to law enforcement authorities. Serious crimes such as homicides occur at such low frequency relative to all other crimes that
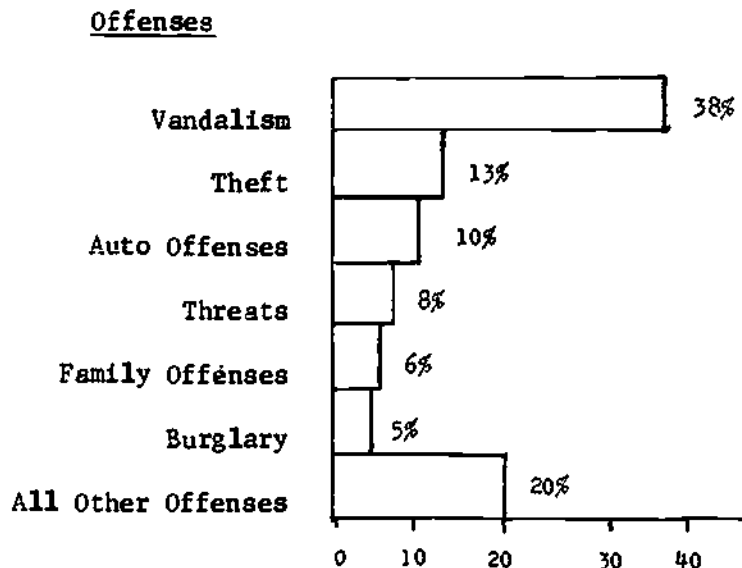
Offenses

Figure 2: Percent of offenses occurring to rural residents by major categories. (3)

7

they are reported along with a large variety of miscellaneous crimes in the other category. Vandalism leads the list of rural crimes with theft second. Examples of statements depicting acts of vandalism include: "Unknown person shot hole through mailbox"; "spray paint was sprayed all over mailbox"; and "man drove his truck back and forth through the corn field destroying about one-third of it."

Thefts ranged from burglary to petty theft and included such incidents as: "Broke in house while mother took daughter to school and stole rifle, ring, stereo, and cash; stole radio out of barn"; "gasoline stolen from tank in the yard"; and "stole garden tiller from garden near the house."

As previously noted, the number of crimes occurring to rural people are different from the number of crimes known to law enforcement authorities. The major reason for this discrepancy is because many crimes are not reported to police agencies. The percentage of offenses known to Ohio sheriffs by various crime categories may be seen in Figure 3.

Offenses

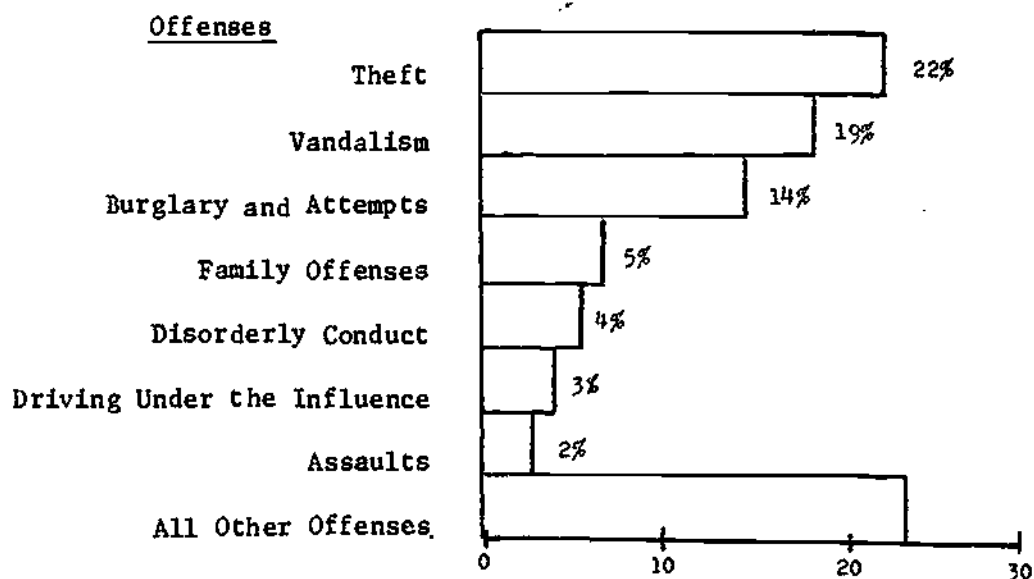| Offense	Percent
Theft	22%
Vandalism	19%
Burglary and Attempts	14%
Family Offenses	5%
Disorderly Conduct	4%
Driving Under the Influence	3%
Assaults	2%
All Other Offenses	

Figure 3: Percent of offenses known to Ohio Sheriffs (3)

Figure 4 reveals the percent of crimes reported to law enforcement authorities. As may be observed in these data, a crime such as burglary is more likely to be reported than crimes that are more personal in nature such as assaults, frauds, or sex offenses. One reason offered for person-related crimes being less frequently reported is that it is often friends, relatives, and neighbors who are the perpetrators. Therefore, a victim is often more reluctant to report the incident as it tends to be more embarrassing to report an aquaintance.
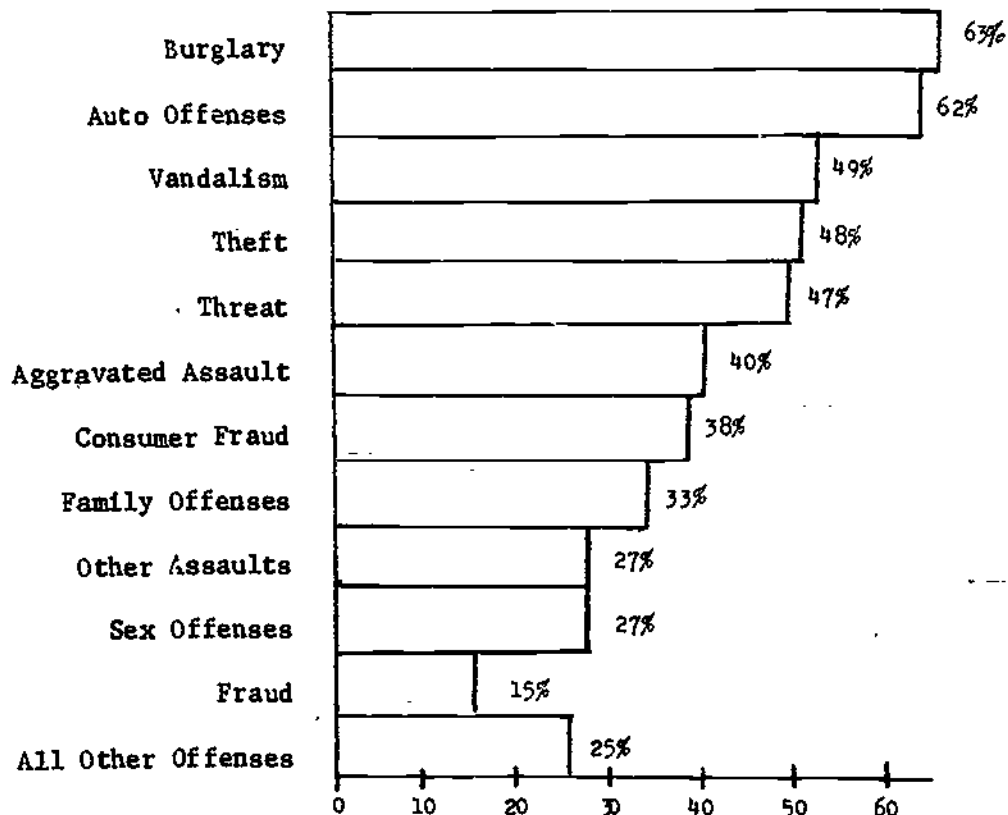
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Figure 4: Percent of crimes reported to a law enforcement agency by category. (3)

Vandalism

By any definition, vandalism is the leading crime in rural Ohio. As may be seen in Figure 2, 38 percent of all crimes occurring to rural people or happening in rural areas were committed by vandals. These acts of vandalism most often involved mailboxes but a host of other infractions marred, destroyed or defaced: cars, windows, lawns, shrubs, and a multitude of other kinds of property. These vandalizing acts do not include public property in rural areas such as churches, schools, and business places. Including these would markedly increase the percent of all crimes that are destructive in nature.

Figure 3 reveals that vandalism is second to thefts as an offense known to Ohio sheriffs. It may be seen in Figure 4 that a little less than half the acts of vandalism are reported, according to victims of these offenses.

9

Thefts

Data in Figure 2 reveals theft to be the second most frequent offense committed against rural Ohioans. If the different types of theft were added together, (i.e. burglary, fraud, robbery, and auto theft), it would approach vandalism in extent. Thefts are by far the leading offense reported to Ohio sheriffs as can be observed in Figure 3. In spite of this, victims report stolen items only 48 percent of the time (See Figure 4).

The type of items taken or destroyed are shown in Figure 5. Automotive related items lead the list accounting for 21 percent. Tools and equipment for both home and business are second in frequency of property stolen or vandalized (16 percent). Damage to residences rank third (10 percent). Recreational items stolen included vehicles, equipment, buildings, and a variety of other items. Other types of property taken or vandalized may be seen in Figure 5. In these data, contrasted to the information in Figure 2, public property is included and is reported in the "all other" category.
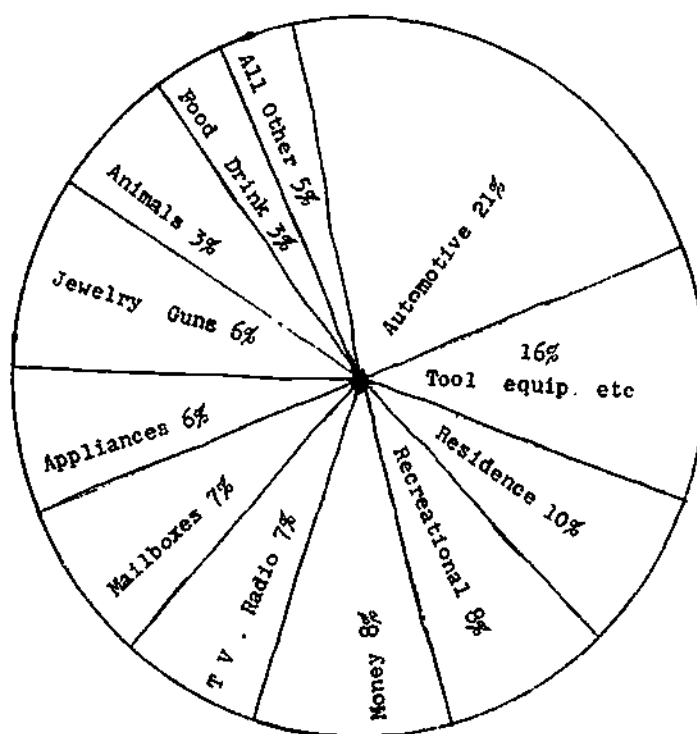

Figure 5: Types of items taken, damaged or destroyed by theft or vandalism (3).

10

Gasoline is the item most often stolen in rural areas. Twenty percent of all thefts involve this product. Farmers in particular and many rural nonfarm residents maintain gasoline storage units which only 33 percent lock. Two-thirds of rural residents reporting thefts are nonfarm rural residents. Fifty-three percent of the thefts occur at their homes while 12 percent occur at school. The remaining thefts occur in a variety of places, such as parking lots, places of work, or shopping areas.

It is obvious that the rising rate of different forms of thievery and vandalism suggests an increasing disregard for the right of other people to own or control property unmolested. It also suggests less social stigma is attached to these deviant acts.

Selected Perceptions of Rural Residents on Crime

Rural residents offered a variety of reasons for thinking crimes are increasing in rural areas. Figure 6 notes laxity of courts and a lack of adequate law enforcement as the leading reasons for the continuing increase in crime (20 percent).
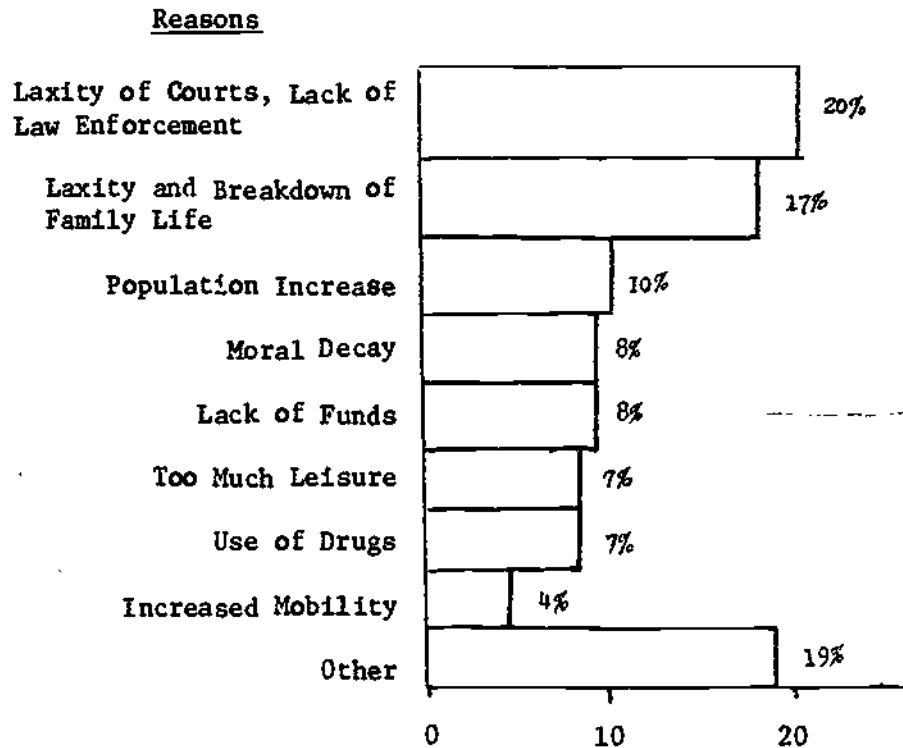
Reasons

Figure 6: Reasons rural residents gave to account for the increase in rural crime.

Laxity and breakdown of family life was the second most often mentioned cause (17 percent) while population increase (10 percent) accounted for the third most often stated reason. Moral decay, lack of funds, too much leisure, use of drugs, increased mobility and a diversity of other reasons are noted in the descending order of times mentioned.

The increasing crime rate appears to be multi-casual, since most respondents perceived more than one cause at the root of the problem. This suggests a multi-faceted corrective action will be required to start a noticeable reduction in the growing rate of rural crime.

As may be observed in Figure 4, only the offenses of burglary and auto offenses were reported more than 50 percent of the time to law enforcement agencies. Overall, only 45 percent of total crimes were reported. Heading the list of reasons given as to why crimes were not reported was the statement "it is no use." Forty-three percent suggested this response and commented to support their observations with such phrases as: "difficult to enforce, slow follow-up, too much leniency in the courts, red tape, lack of legal evidence, and it would do no good."

Unreported crime more than doubles the scope of the problem. It should be noted however, that the crimes not reported tend to be less serious than most of those reported. People often do not report crimes when they cannot see any value to be gained. However, most law enforcement personnel feel this is short sighted, since they are unable to help on matters they do not know about. They generally encourage all citizens to inform appropriate authorities about all known violations of the criminal code.
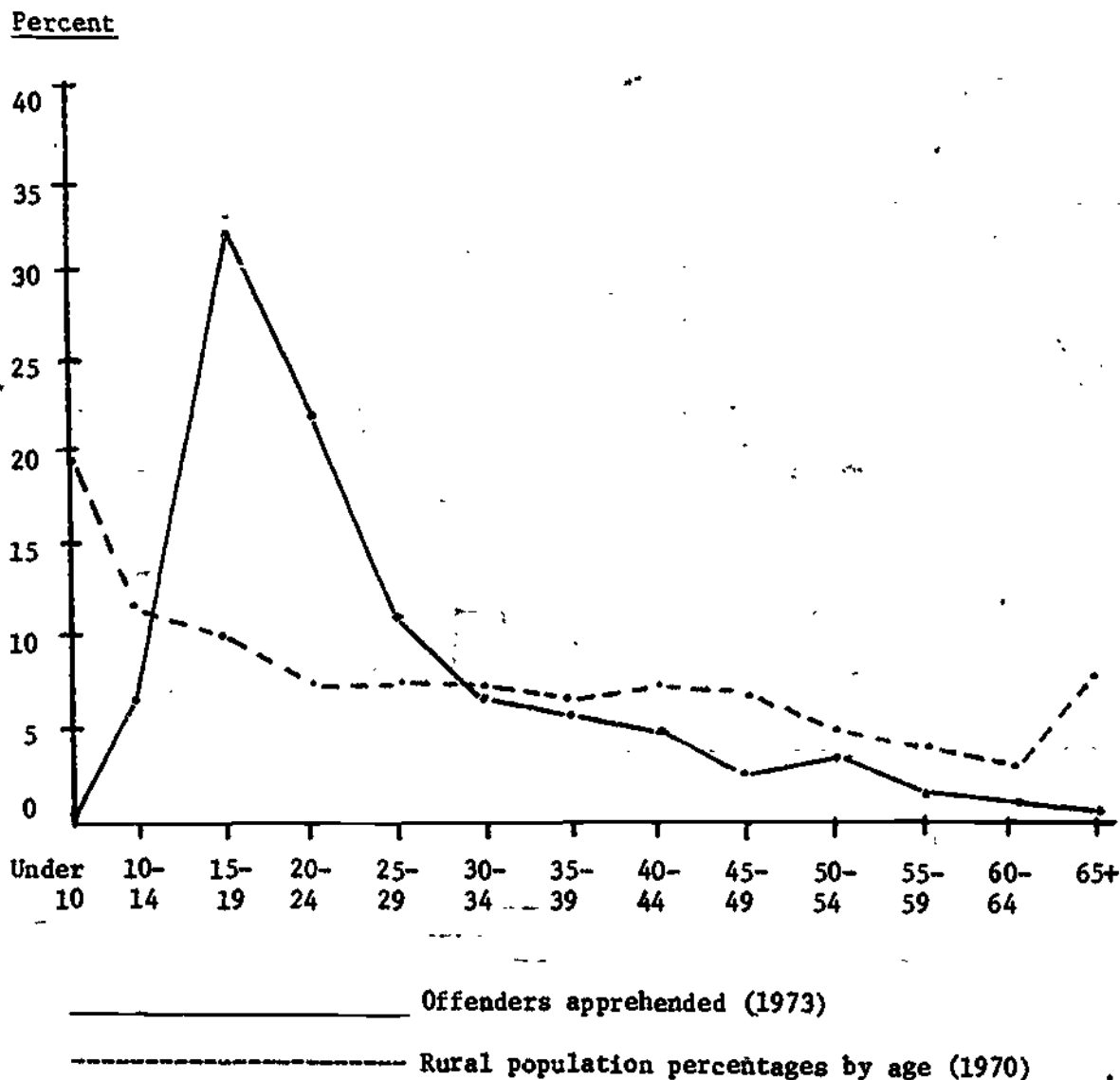

Rural Offenders

The characteristics of rural offenders outlined here represent those apprehended by Ohio sheriffs. It is possible that those apprehended may not be representative of all persons who commit crimes in rural areas. However, there is no evidence to suggest the group is not representative.


Age

Figure 7 compares a profile of rural offenders apprehended to a profile of Ohio's total rural population.

12

Percent

_____ Offenders apprehended (1973)

--------------- Rural population percentages by age (1970)

Figure 7: Percent of offenders apprehended by Ohio sheriffs in rural
areas compared to the rural population by age categories (2) (4)

    Crimes in rural areas are disproportionately committed by young
people. An analysis of data reveals 74 percent of those apprehended in
rural areas are under 30 years of age. In the total rural population,
only 53 percent are under 30 years of age. A further breakdown of these
data reveals that teenagers have the highest percentage of arrests.
Figure 8 depicts the percent of rural Ohio teenagers who have been
arrested with rural teenagers in the United States who have been arrested.

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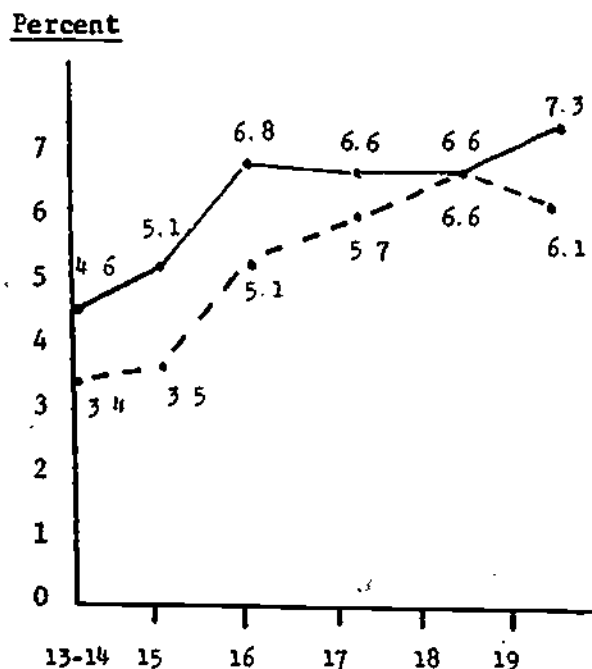
Percent

_____ Ohio (June 1, 1974 - May 31, 1975)

------------ United States (1974)

Figure 8: Percent Teenagers Apprehended in Rural Areas of Ohio and the
United States by Age. (5)

Teenagers from 15-19 years of age represent only 9.8 percent of
the total Ohio rural population but account for one third of all persons
apprehended in rural areas. This tends to be higher for this age group
in Ohio than for the 15-19 year olds in the rural portions of the nation
as a whole (27 percent). A comparison of all age groups for rural Ohio
and rural United States may be seen in Figure 9. As previously noted,
Ohio tends to have slightly higher percent of teenage apprehensions than
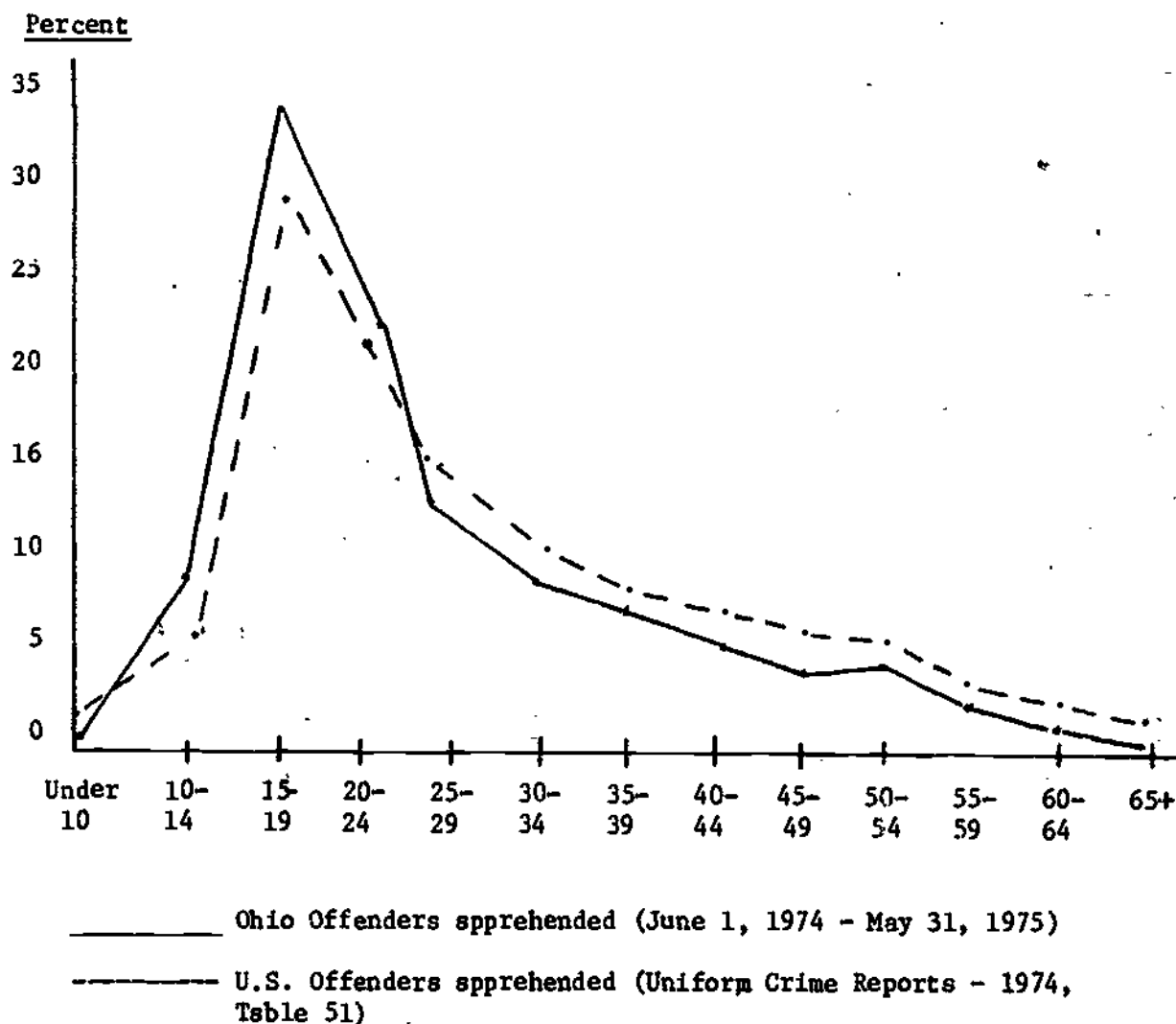in the U.S. but fewer middle-aged apprehensions.

14

Percent

_____ Ohio Offenders apprehended (June 1, 1974 - May 31, 1975)

----------- U.S. Offenders apprehended (Uniform Crime Reports - 1974,
Table 51)

Figure 9:   Percent of Offenders Apprehended in Ohio and the United
States by Age Category. (3) (5)

Male and Female

    Rural crimes are overwhelmingly committed by males. Eighty-seven
percent of those apprehended in rural Ohio were male. This compares
very closely with the national average of 88.6 percent for rural males
arrested. (5) Females have much less inclination to commit crimes than
males. Males, especially, are more likely to commit violent crimes.
Edward C. Banfield suggests this is because women in general are better
able to control their impulses, more inclined to avoid risk, and less
likely to inflict physical injuries upon other persons. Further, according

to Banfield, they also may have less motive and opportunity since they tend less frequently to be family providers. Individuals performing the provider role are often motivated to steal because of the pressures exerted upon them to meet the family's needs. Opportunities are more likely to be encountered by a male provider working away from home than a female carrying out her role in the confines of their home. (6) As more and more women work outside of the home, this too may change.

Occupation of Offenders

The employment status of persons arrested in rural areas is most often classified as "student" (27 percent). This is not surprising inasmuch as a disproportionate number of the offenders are teenagers. About one in six is unemployed. Less than two percent are farmers or farmhands. Offenders tend to occupy a wide variety of jobs but in general they tend to be in the unskilled and semi-skilled categories.

Residential Location of Offenders

A majority of persons arrested in rural areas are non-residents of the community where the crime was committed. Sixty percent are from incorporated places of 2,500 or more population. This large percent suggests that increased mobility of urban residents may in part explain the growing crime rate in rural areas. More people owning cars and better roads through rural areas make the countryside more accessible to the non-rural residents for criminal purposes as well as other more desirable ends.

Seventy percent of offenders arrested are residents of the county in which they are apprehended. Another 18 percent are from counties adjacent to the county in which they were caught. Only 12 percent come from more distant locations than the immediate or adjacent county in which they were seized.

Other Characteristics of Offenders

Crimes are committed more often by single persons than married individuals. Nearly two-thirds are single while four percent are divorced and 32 percent are married.

Persons arrested in rural areas are more likely to be with a group than alone. Nearly one-half were in a group when arrested while 39 percent were alone when apprehended.

Twenty-three percent of persons arrested for crimes in rural areas were intoxicated at the time of their apprehension while 31 percent had previous records known to the arresting officers. Ninety-three percent are white.

Precautions Taken To Prevent Crimes

A long standing tradition in rural areas has been the notion that people did not have to lock their houses or other possessions to make them secure from thievery or molestation. This tradition was in a sense a social indicator of the rights of people to own and control property unmolested. This tradition has changed, as might be noted in Table 1. Sixty percent of rural Ohioans always lock the doors to their residences when leaving. Forty percent seldom or never lock their doors when leaving. This suggests that some residual of the "no-door-locking" tradition still prevails. Data in Table 1 also reveals more rural people lock their doors at night than when they leave the premises.

Table 1

Attitudes of Rural Ohioans Living Outside of Incorporated
Places Concerning Locking Their House, 1974.

| Response | Doors Are Locked: | |
	When Leaving Percent	At Night Percent
Always	60	81
Sometimes	23	8
Hardly Ever	10	5
Never	7	6
TOTAL	100	100

The nature or farming and rural living in general makes locking up a difficult task because of the distance of outbuildings, the frequency of use of equipment and the inconvenience of carrying keys for locking and unlocking purposes. These may be some of the reasons why most rural residents fail to lock most of their possessions. As may be seen in Figure 10, autos and gas tanks are the most often locked items, with farm equipment and barns the least likely to be locked.
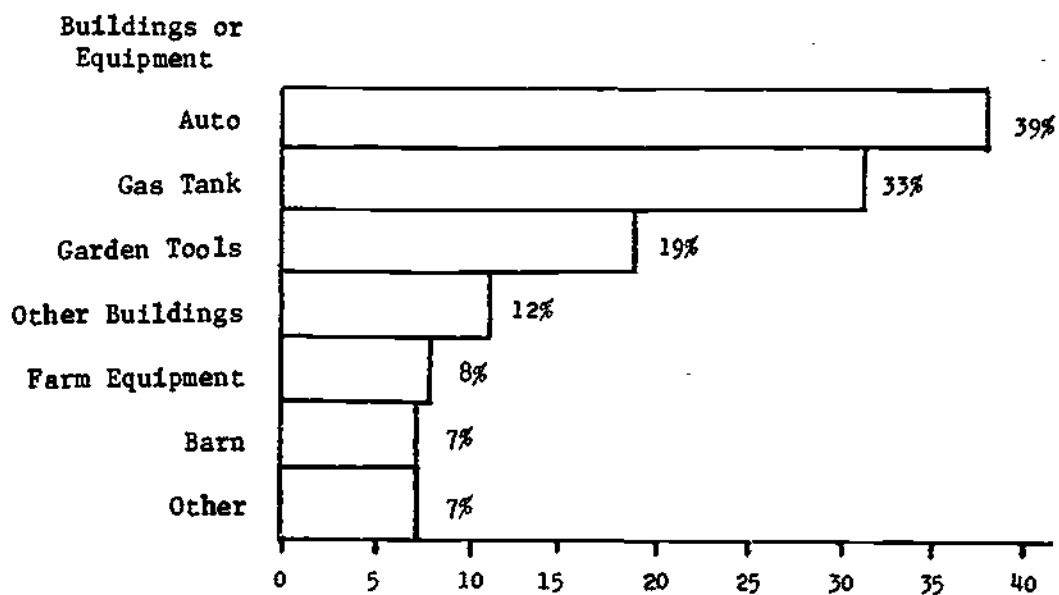
17

14

Buildings or
Equipment

Figure 10: Percent Buildings and Equipment are locked by rural Ohioans. (3)

18

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