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LOCAL FUNDING OF RURAL PUBLIC SERVICES

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PUBLIC SERVICES

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Rural public services are viewed here as the local governmental functions performed in areas of submetropolitan status. Water supply and wastewater treatment, hospitals and health care, libraries and education, public housing, police and fire protection, refuse collection, and road maintenance are included among these services.

Local funding sources include primarily real estate taxes, service charges and debt financing. Use of a local sales tax and a local income tax is authorized in several states. In almost all states, local governments derive small amounts of income from fees for licensing business, making inspections, new construction permits and miscellaneous function.

Some rural services are provided most efficiently at the area level -- for example, waste water treatment -- and are financed from area sources. Other services, like public education are of local scale in their provision but of area or state scale in financing. A major concern here is the identification of those services which are best provided and financed locally and those which are not.

Scale, scope and proximity considerations are involved in identifying an appropriate level of governmental organization for providing a public service. For example, improved efficiency is achieved by consolidation of small units into larger ones or by cooperation and coordination among several governmental units. Alternatively, purchases of services from private vendors or from other governmental units may offer an efficient alternative to the direct delivery of these services by a governmental agency.

Trade-offs occur between management efficiency and improved access to a public service in a geographically decentralized service delivery system. Consumer access is a function of spatial proximity as well as income levels (ll, p. 333).

Finally, an expanded local resource base for public services is sought with growth-inducing public outlays. An important issue is the portion of total governmental resources which is set aside for basic economic growth as contrasted to those resources used to simply maintain existing public services and provide for the needs of an existing population. Benefit spillover and income redistribution considerations are of primary importance in identifying appropriate funding sources for these services.

Rural Public Services

A primary concern of this paper is the effective organization of public service delivery in rural areas in terms of the community resource base and fiscal capabilities. Data for a multi-county area in Minnesota are used to illustrate the area economic dimensions of public service delivery (14). A set of area economic accounts has been prepared which includes output and income estimates for an aggregate of public service

sectors (table 1). ^{1/} Only the public industry sectors are presented; these include all municipal service enterprises (i.e., water and sewer systems, electric power systems, hospitals, and liquor stores) and all tax-supported services (highway and road design and maintenance, public safety, garbage collection and disposal, health, education, welfare, libraries, recreation, and general government).

A major contention of this paper is that rural public services can be viewed realistically for policy and planning purposes only in the context of the total economy of an area. The area economic accounts are extended, therefore, to include the local institutional linkages in the financing of public services (table 2).

Producing public services

The gross output of public industry (Class 2) sectors was equivalent to about 28 percent of total household consumption in the given rural area. Public education and public administration accounted for 82 percent of public industry output. These two sectors include most of the tax-supported services.

Major current input requirements of the public industry sectors were local labor (62 percent of total) and local goods and services (20 percent of total). Interindustry purchases of capital inputs (by Class 7

| Id Sales Proper- Assess tax ments 31 32 33 31 32 ments 31 32 ments 31 32 ments 31 32 ments 32 33 33 33 32 ments 31 32 ments 32 0 0 0 0 0 0 0 0 0 0 0 0 0 11,274 169 0 15,898 0 0 13,676 2,502 0 35 13,676 2,502 0 0 0 0 0 0 13,676 2,502 0 0 13,51 21,199 34,540 1,351 21,199 34,540 1,351 | | 1 | | | Class | s 2 | | | Class 3 | | Class | 4 | |
|--|--------------------------------|-----------|-------------------------|----------------------|--------------------------------|-------|----------------------|----------|-------------------------------------|--------------------|-------------------------|---------|----------------------|
| e 1-23 1,874 1,088 453 1,119 9,032 4,214 116,098 0 < | Income receiving sectors | Ū | Construc- tion 24 | Utili- ties 25 | Other retall trade 26 | | Educa- tion 28 | l w C | Household consump- tion 30 | Sales tax 31 | Proper- ty tax 32 | 1 | Other taxes 34 |
| industry $24-29$ 12125415313146 $6,491$ 000taxes3143152112,711000taxes311917431257492000tytaxes34312574012760000ments331917423127600000ments362,4191,2677824,50134,29915,97000000old3714,000000000000old37000000011,26714911,267149old380000000011,247149old38000000011,247149old38000000011,247149old3800000011,247149old3800000011,247149old411000000011,247old41411507115011,441< | Private industry | 1-23 | 1 , 874 | 1,088 | 453 | 1,119 | 9,052 | 4,214 | 116,098 | 0 | 0 | 0 | 0 |
| takes 31 4 3 1 1 12,711 0 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Public industry | 24-29 | 12 | 125 | 4 | 15 | 313 | 146 | 6,491 | 0 | 0 | 0 | 0 |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | Sales taxes | 31 | 4 | m | • | Ś | • | - | | | • | c | |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | Property taxes | 32 | 0 | 00 | • 0 | 0 | 4 C | + C | 11/°71 | 5 0 | 0 0 | 0 0 | |
| taxes 34 31 25 7 40 49 23 8,316 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Assessments | 33 | 19 | 17 | • 4 | 23 | 127 | 60 | 497 497 | 0 0 | . | 5 C | |
| old 36 2,419 1,267 782 4,501 34,299 15,970 0 0 0 11,274 169 pal 37 0 0 0 0 0 0 0 0 11,274 169 pal 38 0 0 0 0 0 0 11,274 169 pal 39 0 0 0 0 0 11,274 169 pal 39 0 0 0 0 0 11,274 169 district 40 0 0 0 0 0 13,598 0 0 district 41 0 0 0 0 0 0 13,598 0 0 district 40 0 0 0 0 0 0 13,598 0 0 district 40 0 0 0 0 0 0 0 13,598 0 0 district 41 0 0 0 0 0 0 0 0 0 0 13,598 0 0 district 42 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 district 41 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Other taxes | \$ | 31 | 25 | 7 | 40 | 49 | 53 | 8,316 | 00 | 00 | 00 | 00 |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | Household | 36 | 2,419 | 1,267 | 782 | 4.501 | 34.299 | 15.970 | c | c | c | c | |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | County | 37 | 0 | 0 | 0 | 0 | C | | • c | . | | 0 1 1 | 2 |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | Municipal | 38 | 0 | 0 | 0 | 0 | • c |) c | - c | | 11,2/4 2 977 | 207 | ν ς ς |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | Township | 39 | C | C | c | • c | • c | , | . | 5 0 | 117.0 | 1,41,41 | 27.47 |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | School district | 604 | • c | , c | • c | | , | | 5 (| 0 | 1,590 | 00 | 1 027 |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | Spec. distr. | 41 | 0 | 0 | 00 | 0 | 00 | 00 | 00 | | | D v | ()) (4 |
| $ \begin{array}{rcccccccccccccccccccccccccccccccccccc$ | State | 42 | 0 | 0 | 0 | 0 | 0 | 0 | o c | 13 676 | 2 503 2 | ີ | |
| $ \begin{array}{cccccccccccccccccccccccccccccccccccc$ | rederal | 43 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7,523 | 0 | 0 | 5.469 |
| $\begin{array}{cccccccccccccccccccccccccccccccccccc$ | Public industry | | 370 | 654 | 159 | 1,041 | 150 | 71 | 0 | 0 | | C | , c |
| utional 48 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | Household consum | | 0 | 0 | 0 | 0 | 0 | 0 | 36.000 | c | c | c | • C |
| 50 1,881 671 260 1,718 7,121 3,315 119,329 0 0 0 al 30-50 4,723 2,637 1,213 7,326 41,751 19,440 217,858 21,199 34,540 1,351 1-50 6,609 3,850 1,670 8,460 51,116 22,800 348,447 21,199 34,540 1,351 | Institutional Ecologic | 48 748 | 00 | 00 | 00 | 00 | 00 | 00 | 20,000 | 000 | 000 | 00 | 000 |
| al 30-50 4,723 2,637 1,213 7,326 41,751 19,440 217,858 21,199 34,540 1,351 1-50 6,609 3,850 1,670 8,460 51,116 23,800 348,447 21.199 34.540 1.351 | ROW | 50 | 1,881 | 671 | 260 | 1,718 | 7,121 | 3,315 | 119,329 | 00 | 00 | 00 | 00 |
| 1-50 6,609 3,850 1,670 8,460 51,116 23,800 348,447 21.199 34.540 1.351 | | 30-50 | 4,723 | 2,637 | 1,213 | 7,326 | 41,751 | 19,440 | 217,858 | 21,199 | 34,540 | 1,351 | 15,309 |
| | | 1-50 | 6,609 | 3,850 | 1,670 | 8,460 | 51,116 | 23,800 | 348,447 | 21,199 | 34.540 | 1.351 | 15.309 |

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| | | | | | Loca | al Gover | mment | | _ | | |
|--------------------------------|-----|---------------------|----------------------|--------------|--------------|---------------------|-----------------------|-------------------------|-----------------------|----------------------|---------------------|
| Income receiving sectors | | Busi- ness 35 | House- hold 36 | County 37 | Munic. 38 | Town- ship 39 | School dist. 40 | Special distr. 41 | State gov't. 42 | Fed. gov't. 43 | Prop. inc. 44 |
| | | | | | | (\$1,000 |) | | | | |
| Construction | 24 | 0 | ο. | 3,927 | 1,270 | 1,412 | 0 | 0 | 0 | 0 | 0 |
| Health | 27 | 0 | 0 | 253 | 19 | 0 | 0 | 0 | 5,015 | 557 | 0 |
| Education | 28 | 0 | 0 | 991 | 238 | 0 | 38,445 | Ō | 9,247 | 1,143 | 0 |
| Pub. adm. | 29 | 0 | 0 | 6,411 | 1,150 | 352 | 0 | 206 | 4,381 | 11,300 | 0 |
| Subtotal 24 | -29 | 0 | 0 | 11,582 | 2,677 | 1,764 | 38,455 | 206 | 18,643 | 13 ,00 0 | 0 |
| Household consumption | 30 | 0 | 340,447 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Prop. tax | 32 | 0 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Household | 36 | 10,741 | 0 | 8,462 | 81 | 91 | 0 | 0 | 0 | 21,311 | 10,74 |
| County | 37 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 15,776 | 157 | 0 |
| Municipal | 38 | 0 | 0 | 179 | 0 | 0 | 0 | 0 | 910 | 41 | Ō |
| Township | 39 | 0 | 0 | 102 | 0 | 0 | 0 | 0 | 160 | 0 | 0 |
| School dist. | 40 | 0 | 0 | 2,424 | 0 | 0 | 310 | 0 | 21,208 | Ō | Ō |
| Spec. dist. | 41 | 0 | 0 | 11 | 0 | 0 | 0 | 0 | 0 | 19 | Ó |
| State | 42 | 54 9 | 8,780 | 0 | 0 | 0 | 0 | 0 | 0 | Ū. | 0 |
| Federal | 43 | 8,870 | 66,793 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Property inc. | 44 | 2,638 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Public ind. | 46 | 0 | 0 | 4,870 | 4,318 | 0 | 11,583 | 55 | o | 0 | 0 |
| Household $\frac{2}{}$ | | | | • | | | _ | • | - | | • |
| consump. | 47 | 0 | 20,000 | Q | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Institutional | 48 | 2,420 | 0 | 13,602 | 6,322 | 21 | 3,267 | 0 | 0 | Ø | 0 |
| Subtotal 30 | -50 | 25,218 | 436,000 | 29,650 | 10,721 | 112 | 15,160 | 55 | 38,054 | 21,528 [,] | 10,74 |
| Totals | | 25,218 | 436, 000 | 41,232 | 13,398 | 1,876 | 53,615 | 261 | 56,697 | 34,528 | 10,74 |

Table 2. Estimated income payments of institutional (Class 5) sectors to specified income-receiving sectors, West Minnesota, 1967. $\frac{1}{2}$

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1/ Income payments of local government sectors to the public industry sectors cover a portion of total outlays not covered by service charges. Any remaining outlays are covered by the income payments of state and federal governments. Because of the limitations of the input-output format presented earlier, these entries were consolidated earlier in the export sector.

2/ The capital accounts of the combined institutional sector (Row 48) receive all income payments savings (business, household and government). sectors) were equivalent to 20 percent of current output. Total capital outlays -- largely in education and municipal service enterprises -was 35 percent of total current outlays (table 3).

Scale economies occur in the utilities sector -- particularly wastewater treatment -- and hospitals and health services. Political proximity to these services is not essential (except for primary health care units). Hence, some early candidates for consolidation are the two municipal service enterprises -- wastewater treatment plants and hospitals. In addition, planning services could be provided more efficiently on an area rather than local scale.

An important distinction occurs in the production of a specialized service and its distribution among users. While wastewater treatment plants are early candidates for areawide management, the sewer distribution network may remain an individual municipal responsibility. Similarly, the large hospital with a variety of specializations may serve a large area, but individual community clinics are essential in assuring easy access to primary health care services.

Major benefit spillovers can be expected from the three public services cited earlier, along with education and public housing. Income redistribution is achieved through public financing of health care, education and housing. The three public services thus are logical candidates for areawide (or state and federal) rather than local financing (assuming income redistribution is <u>not</u> a local function).

Table 3. Estimated income payments of private industry (Class 6), public industry (Class 7), household consumption (Class 8), and institutional (Class 9), capital sectors, and ecologic (Class 10) and rest of world (Class 11) to specified income receiving sectors, West Minnesota, 1967. 1/

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| | | i | | | | | ` |
|-----------------------|-------|------------|------------|-------------|------------|-------------|-----------------|
| | | Class 6 | Class 7 | Class 8 | Class 9 | Class 10 | Class 11 |
| Income | | | | Household | Insti- | Eco- | Rest of |
| receiving | | Private | Public | consumption | tutional | logic | world |
| sectors | | 45 | 46 | 47 | 48 | 49 | 50 |
| | | | | (\$1,000) | | | |
| Mining, construction | | 38,709 | 15,677 | 3,488 | 0 | 0 | 2,331 |
| Food products | 7 | 78 | 32 | 0 | 0 | 0 | 4,002 |
| Lumber, furniture | 8 | 78 | 32 | 436 | 0 | 0 | 6,578 |
| Stone, clay products | | 704 | 285 | 872 | 0 | 0 | 1,870 |
| Machinery | 11 | 1,276 | 516 | 0 | 0 | 0 | 0 |
| Other manufacturing | 12 | 6,868 | 2,781 | 3,759 | 0 | 0 | 0 |
| Other wholesale | 16 | 94 | 38 | 87 | 0 | 0 | 0 |
| Other | 1-23 | 0 | 0 | 0 | 0 | 0 | 395,471 |
| Other retail | 26 | _0 | 0 | 0 | 0 | 0 | 362 |
| Subtotal | 1-29 | 47,807 | 19,361 | 8,642 | 0 | 0 | 410,614 |
| Sales taxes | 31 | 382 | 0 | 327 | 0 | 0 | 0 |
| Business | 35 | 0 | 0 | 0 | 0 | 0 | 0 |
| Household | 36 | 0 | 0 | 0 | 46,257 | 0 | 0 |
| County | 37 | 0 | 0 | 0 | 13,882 | 0 | 0 |
| Municipal | 38 | 0 | 0 | 0 | 5,620 | 0 | 0 |
| Township | 39 | 0 | 0 | 0 | 24 | 0 | 0 |
| School district | 40 | 0 | 0 | 0 | 12,738 | 0 | 0 |
| Special District | 41 | 0 | 0 | 0 | 195 | 0 | |
| State | 42 | 0 | 0 | 0 | Q | 0 | 24,636 |
| F e deral | 43 | 0 | 0 | 0 | 0 | 0 | -54,107 |
| Property income | 44 | 0 | 0 | 0 | 8,103 | 0 | 0 |
| Private industry | 45 | 0 | 0 | 0 | 5,428 | 0 | 4 |
| Public industry | 46 | 0 | 0 | 0 | 25,068 | 0 | 0 |
| Household consumption | on 47 | 0 | 0 | 0 | 5,398 | 0 | 0 |
| Institutional | 48 | 0 | 0 | 0 | 0 | 0 | 3 6, 205 |
| ROW | 50 | 7,657 | 13,935 | 27,031 | 0 | 0 | 0 |
| Subtotal | 30-50 | 8,039 | 13,935 | 27,358 | 117, 269 | 0 | 0 |
| Totals | 1-50 | 55,846 | 33,296 | 36,000 | 117,265 | 0 | 417,348 |

1/ Income payments of the capital sectors cover the final demands of the business, household and government sectors identified earlier in the input-output tables. Private industry (Sector 45' payments are identical to gross investment and public industry (Sector 46) payments are iden tical to government purchases. Household consumption (Sector 47) payments are less than household purchases in the input-output tables (since the household sector is exogeneous to the 29 industry sectors). However, together with the current household consumption (sector 30) income payments, the two sets of payments for household consumption equal the value of house hold purchases under final demand.

Financing public services

Except for the municipal service enterprises, each public service is supported largely by local property taxes. Nearly one-half of local tax receipts were diverted to school districts in the study area. However, transfers from state government to school districts exceeded total tax income -- a pattern more pronounced now than in 1967 because of an expanded educational aid program (7, p. 4). State government in Minnesota has attempted to reduce local fiscal disparities by undertaking an increasing share of the burden of education (and, also, welfare).

Additional efforts in reducing fiscal disparities relate to two criteria noted earlier, i. e., spillover effects and income redistribution. In 1971, the Minnesota state legislature provided for the regionalization of 40 percent of the new (post 1971) property tax for local education. This particular legislation may have other problems besides being challenged in the courts, but the concept of pooling property taxes on a regional scale merits serious consideration as a means of reducing fiscal disparities and, also, costly intra-area competition for new industry (8).

Because of the regressive nature of the property tax, the pooling of the local tax base to reduce educational disparities is likely an interim solution. Logically, the financing of public education is a responsibility of state government while the financing of public wel-

fare 1s a responsibility of the federal government (22, p. 173-184). Presently, however, local governments still support a significant share of both functions.

Local Funding Alternatives

The provision and financing of rural services is viewed in terms of criteria for choosing an appropriate governmental level for these functions. Important here is the competition for local resources between the development and the maintenance functions of local governments. For rural areas, particularly, a strong case is being made for allocating a share of total outlays to stimulate local economic growth and, thus, the economic viability of the local tax base (16, p. 90).

Stimulating economic growth

Local government outlays to stimulate economic growth are effective mostly when the economic problem is not to stimulate growth but to control it. Development outlays in the growing areas, therefore, are confined largely to infrastructure investment, i.e., sewer, water, streets and schools. Land use controls are established to reduce development pressures and overextended public sector commitments to build required infrastructure on demand (5, p.10). The development timing ordinance is one of the newest and most sophisticated techniques for reducing the potential growth in an area. $\frac{2}{2}$

Despite the development pressures in growing areas the financial

markets react favorably to the issuance of general obligation and/or revenue bonds by local governments. $\frac{3}{}$ Use of development districts, tax-increment financing and other new approaches to available sources of funding also is more attractive in growing than in declining areas. Again, local government is utilized to further local business interests in the guise of stimulating needed economic growth (in large part because of the heavy burden of new infrastructure development).

In declining rural areas, growth-inducing infrastructure outlays are minimal. Growth potentials are limited by external conditions which are not influenced by the local investments. Instead, maintenance expenditures are large in part because of an ageing population and the heavy burden of public welfare. In declining areas, therefore, local pressures to increase maintenance outlays are difficult resist, but the lack of economic growth gradually weakens local fiscal capabilities to adequately support needed maintenance functions.

Maintenance expenditures

Maintenance expenditures of local governments, such as health care and education, generally result in cost and benefit spillovers and income redistribution, especially for declining rural areas. Hence, a strong case can be developed for state and federal participation in financing local maintenance activities.⁴/ Moreover, an areawide rather than a local approach is called for in providing the essential maintenance services. User proximity, however, is an important consideration in the

location of the service facilities, which may require some physical decentralization within an areawide delivery system.

In some areas, practically the entire public outlay supports maintenance activities while in others these activities may account for less than half of total outlays. If some target level of maintenance expenditures were prescribed, say 80% of total outlays, then an internal constraint would be imposed on the level of growth-inducing or developmental outlays and, hence, on the level of total government outlays. The division of total public outlays between growth and maintenance functions thus becomes an important consideration in the development decisions in the private sector and the financing decisions in the public sector. Citizen involvement in the local decision making processes is important, too, especially when local values may conflict with area and state goals for population growth and distribution.

Area Growth Policy

Both the provision and the financing of rural public services are constrained eventually by areawide potentials for stimulating economic growth and supporting welfare maintenance activities. Improvement in the delivery and availability of rural public services is a precondition for improvement in the economic potential of rural areas (16, p. 87). An economically healthy community base is needed to support these services. Missing in rural development efforts in the past has been a concept of the rural area as part of a regional settlement system in which public policies and expenditures affect in varying degrees, the location and distribution of population and economic activity.

Growing areas

Public services in growing rural areas may be expanding but inadequately because of rapid population and economic growth. For these areas, the deliberate implementation of an area growth policy offers one approach to the rationalization of the development process in the light of local funding constraints.

The Marshan Township experience (in Dakota County, Minnesota) is indicative of changing public attitudes to the open growth philosophy traditionally promoted by developers in growing rural areas (12, p. 4). Unless the staged-growth alternative is the result of an open, nonexclusionary planning process, however, the courts are likely to hold that the limitations on growth are "capricious and unreasonable." The long-term capital improvements program of the local community must provide for specific staging of the construction activities and subsequent provision of basic municipal services. The objective is to reduce the public costs of private development rather than to exclude particular socio-economic groups from future access to land and housing in the area.

Because growing rural areas typically are part of an expanding metropolitan region, the provision and financing of local public services is influenced by regional plans and programs. Much of the total public outlay for basic community facilities in the region is determined by regional boards which are concerned with capital

improvements of regional impact, i.e., highways, air and water terminals, wastewater treatment plants, libraries, sports stadiums, parks and recreation areas, and public transit systems. Again, the spatial-economic interdependencies between growing urban and rural areas provide strong support for areawide planning of major public services and facilities

Rural community participation in areawide planning is one approach to learning about alternative futures for both **urban** and rural communities in the planning area. Local financing problems stemming from the expansion of the urbanized area into the rural periphery would be preceived as an areawide planning problem. Restriction of the metropolitan infrastructure development to a prescribed development zone would result in additional pressures of new development in the rural periphery in the absence of an areawide approach to an urban growth policy. However, local efforts to shift development costs to the new residents (e.g., by use of an incremental treatment capacity connection charge to cover plant expansion) would reduce some of these pressures for the existing residential population (23, p.13).

Growing rural areas outside metropolitan areas are confronted with the additional problem of being in the commuting zone of the metropolitan labor force. Here, the public costs of in-migration (from both metropolitan core and outstate areas) are evident in higher local outlays for public welfare and schools (as well as basic municipal

services). However, an areawide approach to development planning and financing in this case would lack the participation of the metropolitan core area communities. The potential for controlling private development and, thus, local government outlays, would be less than in the metropolitan planning area. Here, multi-area and statewide planning approaches are needed to formulate and implement regional development plans.

Emerging from the rationalization of the development planning process is the use of population and employment targets and related land use controls for an entire multi-county planning area. The economic targets would be translated into estimates of land use requirements and population intensities. A land use plan would be implemented by zoning and subdivision ordinances and public expenditure commitments. Local development expenditures would be limited to levels prescribed in the land use and development plans.

Declining areas

Public services in declining rural areas also may inadequately meet local needs but not because of competition from growth-inducing expenditures. Here, the setting of development targets in terms of population and economic activity would depend upon the development targets established in the growing areas. Growth in public services would be guided by these targets and, also, by the availability of public

financing, including proceeds from sale of general obligation or revenue bonds of local governments. A technical capability is needed, however, for simulating infrastructure development and service delivery alternatives for the declining areas in the context of the total regional or statewide settlement system.

The set of economic accounts cited earlier, when projected to a target year (e.g., 1980), help identify the infrastructure requirements of the target population and industry. All funding services for each expenditure category are identified, also.

Two obvious conclusions emerge from study of the economic projections for the target year, namely, that public infrastructure requirements are increasing more rapidly than local funding sources and that local governments are increasingly dependent on state (and federal) funds for essential public services (18). Use of a staged-growth concept for reducing public financing requirements would be inappropriate. Instead, a statewide approach to local capital improvements programming is needed. A series of statements on statewide development prospects is envisioned which specifies in some detail the local fiscal implications of area growth policy alternatives.

Local governments in declining areas may exercise one or more options on growth policy, but in the context of statewide development planning. Statewide forecasts of funding levels and sources for local public services would be prepared as part of state-

level development planning efforts.

An areawide financing approach also would improve local access to financial markets. The concept of areawide pooling of at least a part of the local tax base also would improve the fiscal prospects of declining rural areas. In addition, the new development district legislation can be used to revive the declining downtown business community in the major area service center or to build an industrial park for new industry moving into the area. Use of new funding sources, such as tax-increment financing of infrastructure development, also would be approached on an areawide scale. In this case, the tax increments resulting from the additional economic activity and the expanded tax base would be used to retire the local bonded indebtedness incurred by the new infrastructure outlays.

Improved pay-off prospects for growth-inducing infrastructure outlays in some declining rural areas may lead to a re-ordering of financing priorities. The proportion of total government outlays allocated to growth functions would become larger as the declining areas improve their long-term economic prospects.

In summary, the prospects for local funding of rural public services are severely limited by the local tax base. In growing rural areas, a strong local commitment to development results in a disproportionately large allocation to growth-inducing capital improvements and public services. In declining rural areas an ageing

population and lack of profitable development prospects results in disproportionately large allocation to maintenance functions.

A rationalization of public service systems is perceived in the context of areawide and statewide development planning. Public service delivery is consolidated on a multi-county area scale in the case, specifically, of wastewater treatment, hospitals and health care, and public transportation. Scale, scope and proximity considerations determine the appropriate governmental level for service delivery.

Local funding of rural public services logically is confined to those services which are lacking in significant benefit and cost spillover and income redistribution effects. Water and sewer lines, local streets and sidewalks, and local parks are included in this category.

In both the provision and financing of rural public services a statewide development planning approach is needed, especially in the case of declining areas. Needed, also, is a technical capability for simulating local fiscal impacts of area growth policy alternatives. Part of such a capability is a set of economic accounts for each development planning area which shows the fiscal and institutional linkages between the public and private sectors. Even more important is an ability to present alternatives and to assess their fiscal implications for local communities.

FOOTNOTES

- <u>1</u>/ Detailed data for the 23 private industry sectors are available in ref. 18, p. 36-54. Public industry sectors are treated exactly like the private industry sectors with reference to input purchases. However, public industry outputs are allocated to purchasing sectors in proportion to service charges; the remaining outputs not covered by service charges are allocated to the public sectors which support these services.
- 2/ In the case of Golden v. Ramapo, the New York Court of Appeals decided in May 1972 that a municipality may stage its capital improvements program over a prescribed number of years -- in this case, 18 -- and it may hold private developers to this rate of development (10, p.10). The concept that local officials would determine growth policy is being extended to a rural township in the Minneapolis-St. Paul metropolitan area (12, p.10). Here, a sixmonth moratorium on all development proposals was voted by the Town Board to give township officials time to adopt a comprehensive plan and zoning ordinance. The staged growth approach to planning was approved subsequently in May 1973.
- 3/ In the study of local public facility needs prepared for the Joint Economic Committee (see, ref. 27) an extensive survey was made of the sources of financing of capital outlays by State and local agencies with particular reference to the municipal securities

market.

4/ A contrary view is represented in the urban economics literature which refers to the "fiscal neglect of urban areas by state government" (see, ref. 20, p. 137). However, the measurement of spillover benefits from local financing of public education has been neglected in this leterature, along with other-term income distribution effects of rural-to-urban migration and commuting and the rural-urban incidence of state and local taxes.

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