

MONITORING AND EVALUATION



Implementation actions provide the link between where we want to be in the future and how we will get there. How will we know if quality of life is improving on Maui? Some actions proposed will have perceivable impacts in the short-term, while others will take much longer to develop, fund, and implement.

The Monitoring and Evaluation Program described in this chapter establishes a strategy to track plan implementation, evaluate the effectiveness of policies and programs, monitor the quality of life on Maui, and allow for periodic program adjustments. Quality of life indicators provide the foundation for the Monitoring and Evaluation Program. Specific milestones will be used to measure progress in the implementation of Maui Island Plan policies and actions. Environmental, cultural, and socio-economic indicators will be used to assess the overall quality of life on Maui.



WHO WILL BE RESPONSIBLE?

Ultimately it is the County Council that determines the level of action or inaction of the County. To provide the County Council with the best information possible, the General Plan Implementation Committee (GPIC), will assist the Department of Planning with monitoring and evaluation of plan implementation and attainment of desired outcomes. The GPIC will fulfill this purpose by serving as a sounding board during the development of the Monitoring Report.

The Department of Planning will oversee the Monitoring and Evaluation Program, which will include the preparation of the Monitoring Report. The Department may modify and add additional indicators as needed to track the impacts of plan implementation. The Department will prepare a Monitoring Report every five years to report on the progress of plan implementation and provide a portrait of the quality of life on Maui.

DEVELOPING MILESTONES AND INDICATORS

Milestones and indicators are the key components of the Monitoring and Evaluation Program. They are the informational tools that will monitor implementation progress and reveal the effectiveness of Maui Island Plan policies and actions.

MILESTONES TO MEASURE PROGRESS

Milestones will gauge implementation progress of individual Maui Island Plan programs and initiatives. Milestones will be developed for major proposed programs and actions such as the Transfer of Development Rights (TDR)/ Purchase of Development Rights (PDR) program, updating the 1984 Cultural Resources Management Plan for Maui, preparing a Maui County Agricultural Development Plan, and amending the County Zoning Code. Milestones are established targets that track the phases of implementation. Milestones should be clear, realistic, include a time element, and be measurable if possible. For example, milestones for the TDR/PDR program might include: 1) Fully implement TDR/PDR program by 2010; 2) 1,000 acres of prime agricultural resource land preserved in perpetuity by 2015; 3) 5,000 acres of prime agricultural resource land preserved in perpetuity by 2030.

The Department of Planning will coordinate with necessary County agencies and program specialists to establish appropriate milestones for the major proposed programs and initiatives. The milestones will set following adoption of the Maui Island Plan and progress toward attaining the milestones will be analyzed in the Monitoring Report. This analysis will reveal whether milestones are being attained, exceeded, or not being met within the established timeframe. Periodic monitoring and use of milestones provides the opportunity to consider the need for new or revised strategies or implementation measures. Milestones may also be revised as necessary in response to periodic program evaluations.

QUALITY OF LIFE INDICATORS

Appendix II-4 includes a set of performance indicators to monitor progress toward achieving the goals and objectives of the Maui Island Plan. The majority of indicators identified in this plan have been borrowed from existing plans and indicator reports and are based on available and reliable data to ensure their usefulness throughout the planning horizon. Local and national Level of Service (LOS) standards are used to develop performance indicators for infrastructure and public services related policies.

The indicators are regional in nature to focus on the island as a whole rather than individual communities. Indicators will be analyzed in the Monitoring Report, and may be modified and updated as new technologies and data sources become available. Indicators are grouped by the following categories:

- **Culture and History**
- **Natural Environment**
- **Economic Development**
- **Education**
- **Housing**
- **Community Health**
- **Land Use and the Urban Environment**
- **Infrastructure and Public Services**



The Milestones present an abbreviated list of indicators which the County may use to provide a more condensed snapshot of the quality of life on Maui. Each indicator includes data on existing conditions as well as milestones broken out in five year intervals, which represent desired end states. The Milestones allow the County to determine whether community desires are being attained, exceeded, or not being met within the established timeframe.

MONITORING AND EVALUATION PROGRAM MANAGEMENT

The Monitoring and Evaluation Program is a comprehensive and dynamic tool designed to track plan implementation throughout the 2030 planning horizon. Active and ongoing management of the program is essential for ensuring its usefulness and success. The GPIC will assist the Department of Planning in managing and updating the Monitoring and Evaluation Program and initiating adjustments to the program as needed. The Department of Planning will coordinate with County agencies to develop appropriate implementation milestones for major proposed programs and initiatives.

Every five years the Department of Planning will complete a Monitoring Report which will report on the established quality of life indicators, and the status of implementing Maui Island Plan programs against established milestones. The report will discuss the significance and findings of each indicator and will address emerging indicator trends to provide a snapshot of the quality of life on Maui. The report will serve as a “report card” for plan implementation and will identify successes, weaknesses, and strategies for improvement.

The report will be submitted to the Mayor and the County Council prior to annual budget submission to allow for necessary budgetary adjustments to Maui Island Plan programs and initiatives.

MILESTONES

The following milestones are designed to measure the progress of The Plan's implementation. Maui County Code §2.80.030 requires that The Plan give "due consideration to federal, state, and County economic, demographic, and other significant quality-of-life indicators." This will allow policy-makers and the community to assess the effectiveness of the Goals, Policies, and Action Plans.

LAND USE AND DIRECTED GROWTH STRATEGY

- Percentage of land classified as urban, rural, agricultural, and conservation
- Number of building permits issued within the UGB and outside the UGB
- Percentage of residential units located within a quarter mile of services
- Number of new or amended ordinances adopted that implement the plan
- Acres of agricultural lands protected through TDR/PDR program
- Percentage of population within the UGB and outside of the UGB

TRANSPORTATION

- Percentage of bicycle, pedestrian and transit amenities (i.e. bicycle lanes, bus stops)
- Commute time for residents

INFRASTRUCTURE AND PUBLIC FACILITIES

- Acres of parks and number of recreational facilities per capita
- Square footage of public office space
- Potable water consumption per capita
- Percentage of wastewater reused
- Percentage of solid waste recycled and diverted from landfills
- Percentage of County and State annual budget spent on expanding or building new infrastructure or public facilities
- Increased revenue from "new/alternative" funding sources

HOUSING AND ECONOMIC DEVELOPMENT

- Meeting projected housing needs
- Percentage of affordable housing units for rent or sale
- Median family income and proportion spent on housing
- Ratio of new jobs to new housing units

HERITAGE RESOURCES AND NATURAL ENVIRONMENT

- Acres of protected land (i.e. open space, conservation, shoreline, wilderness, park, nature preserves, forest preserves, watershed partnerships)
- Pollution levels in coastal waters, streams and aquifers
- Percentage of energy used by source (i.e. coal, petrol, biodiesel, solar, wind, photovoltaic)
- Number of students enrolled in Hawaiian language and culture classes

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