

Methodology

Phase I

In accordance with the resolution passed at the 8th meeting (2003) of the Macao Youth Indicators Profile Project Task group under the Youth Affairs Committee of the Macao Special Administrative Region, Phase I of the Data Collection Programme for the profile was officially launched in October 2003. The focus of this Phase has been to collect data on 42 indicators selected from the list of 80 items.

The 42 indicators presented in this report: Youth Indicators of Macao 2004 can be grouped into two main categories based on the method of collection:

- (1) Data available from government departments and existing social surveys (hereinafter referred to as Data Collection), totalling 25 indicators;
- (2) First-hand information obtained through social survey (hereinafter referred to as “Social Survey”), totalling 17 indicators;

Table 1 indicates the distribution of the two categories of indicators under the ten major areas of research.

Table 1: Distribution of 42 Indicators

Areas	Data Collection	Social Survey
Population, Marriage and Family	Proportion of Youth in Total Population Composition of Youth Population Average Age at First Marriage Fertility Rates and Mortality Rates Marriage Rates and Divorce Rates	---
Physical and Mental Health	Physique and Physical Fitness	Average Sleeping Time Smoking and Drinking Habits Interpersonal Relationship Suicide Rates (Number)
Education and Training	Distribution of Students and Teachers by Education Level of Schools Local University Students by Disciplines Adult Education and Vocational Training Young Teachers as a Percentage of Total Teacher Population Literacy Rate and Educational Attainment Promotion Rates in Schools at Various Education Levels Drop-out Rates Distribution of Students by Type of School	---

Labour Force and Employment	Employment Situation of Young People Average Income of Young People Composition of Youth Labour Force and their Skills Relationship Between Educational Attainment and Income	
Cultural, Leisure, Recreational and Sports Activities	Libraries in Macao and Utilization Rates Participation in Sports Activities	Number of Books Owned Per Capita Average Reading Time Per Day Leisure Activities and Leisure Time Allocation Participation Rate in Cultural Activities
Civic Duties and Social Participation	Participation in Elections (Political) and Exercising Voting Rights	Participation in the Community (Including Voluntary Service)
Youth Crime and Deviant Behaviours	Young Offenders — Statistics and Classification Reasons for Committing Crime and Classification Drug Addiction and Substance Abuse Changes in the Number of Delinquents in Juvenile Probation Centres and Prisons	—
Values	—	Attitude Towards Values in Life Family Values
Consumption and Quality of Life	—	Housing Situation Income and Sources of Income Expenses (Amount) and Allocation Ratios Family Commitment
Social Environment and Youth Policy	—	Degree of Societal Concern on Youth Problem Information Technology and Growth of Young People
Total	25	17

The full list of 80 indicators for Macao Youth Indicators Profile Project can be found in Appendix I.

Data Collection

Phase I of the Data Collection Programme comprises two parts: data collection for 25 indicators and social survey for 17 indicators.

The Task Group commenced Data Collection by contacting and visiting various relevant government departments and offices in January 2004, including: Statistics and Census Bureau, Macao Sport Development Board, Public Administration and Civil Services Bureau, Security Forces Coordination Office, Central Library under the Cultural Affairs Bureau, Young offenders Institute, Macao Prison, Social Welfare Bureau, Education and Youth Affairs Bureau. The purpose was to request these units to provide data related to various youth indicators. In addition, the Task Group also reviewed publications produced by government departments and results of existing social surveys which were relevant, with the aim of extracting information for the compilation of indicators. The data collection exercise for Phase I was completed in May 2004. Table 2 lists the 25 indicators covered by this part of research work.

Table 2: 25 “Data Collection” Indicators

Proportion of Youth in Total Population	Composition of Youth Population	Fertility Rates and Mortality Rates
Marriage Rates and Divorce Rates	Average Age at First Marriage	Distribution of Students and Teachers by Education Level of Schools
Distribution of Students by Type of School	Literacy Rate and Educational Attainment	Promotion Rates in Schools at Various Education Levels
Young Teachers as a Percentage of Total Teacher Population	Drop-out Rates	Adult Education and Vocational Training
Local University Students by Disciplines	Employment Situation of Young People	Composition of Youth Labour Force and their Skills
Relationship Between Educational Attainment and Income	Average Income of Young People	Libraries in Macao and Utilization Rates
Participation in Sports Activities	Participation in Elections (Political) and Exercising Voting Rights	Young Offenders—Statistics and Classification
Reasons for Committing Crime and Classification	Drug Addiction and Substance Abuse	Changes in the Number of Delinquents in Juvenile Probation Centres and Prisons
Physique and Physical Fitness	---	---

Social surveys for the Phase I Programme covered 17 indicators. With the assistance of various tertiary institutions and social service agencies, the Task Group conducted social surveys during the period March to August 2004 to collect relevant data. This part of the research work was completed in August 2004. Table 3 shows the compiled 17 indicators.

Table 3: 17 “Social Survey” Indicators

Average Sleeping Time	Number of books owned per capita	Average Reading Time Per Day
Leisure Activities and Leisure Time Allocation	Participation Rate in Cultural Activities	Participation in the Community (Including Voluntary Service)
Attitude Towards Values in Life	Family Values	Housing Situation
Income and Source of Income	Expenses (Amount) and Allocation Ratios	Family Commitment
Suicide Rates (Number)	Smoking and Drinking Habits	Interpersonal Relationship
Degree of Societal Concern on Youth Problem	Information Technology and Growth of Young People	---