

(c) A time consuming and medical collating task must be undertaken with about one-half of the data bank. (This is the data from insurance companies which "theoretically speaking" is the same.) The remainder of the data bank will not be so disjointed since most of it will be new or pre-constructed by the study group.

Cost Estimate: Based on past projects using similar techniques, discussions with representatives from data processing organizations and careful consideration of the nature of the requirements of this study the following estimates were made:

Equipment (Mainly disks vs. tapes) -----	\$200,000
Implementation (System design, data collation, and programming) --	150,000
Computer time -----	50,000
	400,000

NOTE.—Storage of 100 million characters was derived as our basic estimate.
Specialized Studies: (Sub-Total=\$300,000.)
Objectives: Studies which serve the purpose of complementing the basic study of accident cases and the compensation system.

Cost Estimates:

Total cost=\$300,000 (5 studies ranging between \$50,000 to \$75,000).

Typical Projects could be:

Reworking existing data to make it applicable to the insurance study.

Interpretation, analysis and correlation of health interview survey data.

Special surveys such as estimates of traffic court system costs.

CONSULTANT ESTIMATE \$150,000

Duties: Be members of advisory groups.

Advise management of study design and staff on interpretation of data and knowledge.

(The diversity of the expertise required should be noted. That is economic, medical, legal, social, public health, actuarial, and so forth).

Cost Estimate: Assume Average Fees and Expenses=\$100/day.

Estimating Technique A: Assume 1 man-hour of consulting for each 3 or 4 hours of staff time (a reasonable estimate considering this study and our past experience). Therefore (42 man-years) (260 days/year) (\$100/day) ($\frac{1}{3}$ or $\frac{1}{4}$) = \$244,000 or \$185,000.

Estimating Technique B:

(a) Individual consultants:

Phase I—2* consultants per day $\frac{1}{3}$ of time.

Phase II—3* consultants per day $\frac{1}{4}$ of time.

Phase III—3* consultants per day $\frac{1}{2}$ of time.

Therefore:

(2) (4 months) (20 days/mo.) ($\frac{1}{3}$) = 53 days.

(3) (13 months) (20 days/mo.) ($\frac{1}{4}$) = 195 days.

(3) (7 months) (20 days/mo.) ($\frac{1}{2}$) = 210 days.

485 days.

(485 days) (\$100/day) = \$45,800

(b) Advisory groups: Ad hoc advisory groups probably 12 in number (legal, public health, management, etc.) to exist for a month or more with about 5 working days per group and 10 members per group.

(12) (5) (10) = 600 days

(600 days) (\$100/day) = \$60,000

Subtotal = \$105,800

Range of Estimates:

(a) \$185,000 to \$245,000.

(b) \$106,000.

Assume \$150,000 as the best estimate.

*Not the same consultants for the duration of the Phase.