

ranged from .71 to .90 with a median of .86. In order to obtain a measure of self-evaluation of intelligence the student's rating of "Myself" on the "dumb-smart" scale was recorded (range 1-7).

- d. Interpersonal flexibility was scored using the key in Appendix 6. Since each item was scored from 1 to 4, the possible range was from 21 to 84. The median Kuder-Richardson coefficient was .56.
- e. Self-Esteem was scored using key in Appendix 6. Possible range of scores was from 4 to 40, and median Kuder-Richardson coefficient was .67.
- f. Internal control was scored according to the key in Appendix 6. Scores ranged from 0 to 13, and the median Kuder-Richardson coefficient was .50.
- g. Future orientation was coded for disagreement with all nine items: 3, 5, 7, 10, 12, 15, 17, 19, and 25 (Appendix 2, pp. 25-27). Total scores ranged from 9 to 36, and the median Kuder-Richardson coefficient was .72.
- h. Alienation was scored for seven items (1, 9, 13, 20, 22, 23, and 26 on pp. 25-27, Appendix 2) on a four-point scale coded for agreement in all seven cases and on one item (4 on p. 30, Appendix 2) coded for alternative b. Therefore, total scale scores ranged from 8 to 30, and the median Kuder-Richardson coefficient was .58.

Secondary Change Measures

- a. Occupational aspirations. Each of the occupations was coded according to three scales: Education required (from 1 to 8), Mental Skill required (from 1 to 9), and Status (from 1 to 7). These three scales were summed to obtain an overall aspiration index (ranging from 3 to 24) for each occupation, e.g. aspiration