

Parent and Teacher Involvement Measure – Teacher
Year 3 Update

Fast Track Project Technical Report Update
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Citation

Instrument

Conduct Problems Prevention Research Group. (1991). Parent and Teacher Involvement Measure – Teacher [On-line]. Available: <http://www.fasttrackproject.org/>

Report

Malone, P. S. (2000). Parent and Teacher Involvement Measure – Teacher: Year 3 update (Technical Report) [On-line]. Available: <http://www.fasttrackproject.org/>

I. Scale Description

The Parent and Teacher Involvement Measure – Teacher is a 21-item measure developed for this project to assess facets of parent and teacher involvement. Fast Track also has a 26-item parent version which includes most of the items on the teacher version, as well as additional items (see separate report for more detailed information). The measure assesses the amount and type of contact that occurs between parents and teachers, the parent's interest and comfort in talking with teachers, the parent's satisfaction with their children's school and the parent's degree of academic stimulation with their children (e.g. reading to them, taking them to the library). The answers are coded on item-specific 5-point scales where 0 represents no involvement and 4 represents high involvement.

II. Report Sample

The current analyses are based on Year 3 data for all cohorts, including high-risk control ($n = 446$) and normative samples ($n = 387$ including overlap, total $N = 754$). Students in the treatment condition were excluded from the report sample. 76 students (10%) were missing responses for the entire scale, including 47 normative students (12%) and 38 high-risk students (9%).

III. Scaling

Scored datasets include scale scores for each subject for the 21-item instrument and for the three subscales identified in a Technical Report dated 4/13/95: *Parent Comfort and Endorsement of School*, *Parent Involvement*, and *Parent-Teacher Contact*. Scores are mean responses to scale items; per project procedures, students failing to respond to at least half of the items of a scale receive no score.

IV. Differences Between Groups

ANOVAs comparing the high-risk sample and the normative sample (excluding those students also in the high-risk sample), controlling for cohort, indicated differences on many items at the .05 level in Year 3. Means were higher in the high-risk sample for items 2 (calls by teacher) and 4 (notes by teacher), and, correspondingly, the parent-teacher contact subscale score. Means were higher in the normative sample for items 3 (notes by parent), 11 (parent PTA attendance), and 13 and 16-21 (more general contact and

comfort items), as well as the parent involvement/volunteering and parent comfort subscale scores, and the whole-scale score.

V. Item and Scale Means and SD's

PTIT Items - Normative Sample

| Variable | Label | N | Mean | Std Dev | Minimum | Maximum |
|----------|---|-----|-------|---------|---------|---------|
| T3BIM1 | Freq Parent Called Past Year | 339 | 0.776 | 0.775 | 0 | 4.000 |
| T3BIM2 | Freq Teacher Called Past Year | 338 | 1.077 | 0.774 | 0 | 4.000 |
| T3BIM3 | Freq Parent Written Past Year | 340 | 1.065 | 0.742 | 0 | 3.000 |
| T3BIM4 | Freq Teacher Written Past Year | 340 | 1.547 | 0.941 | 0 | 4.000 |
| T3BIM5 | Freq Parent Stopped by Past Year | 340 | 1.074 | 0.907 | 0 | 4.000 |
| T3BIM6 | Freq Tcher Invited Spec Event Past Year | 340 | 1.547 | 0.575 | 0 | 3.000 |
| T3BIM7 | Freq Parent Attd Spec Event Past Year | 339 | 0.909 | 0.684 | 0 | 3.000 |
| T3BIM8 | Freq Teacher Invited Conf Past Year | 340 | 1.082 | 0.453 | 0 | 3.000 |
| T3BIM9 | Freq Parent Attended Conf Past Year | 339 | 0.808 | 0.512 | 0 | 3.000 |
| T3BIM10 | Freq Teacher Invited PTA Past Year | 339 | 1.714 | 0.569 | 0 | 3.000 |
| T3BIM11 | Freq Parent Attended PTA Past Year | 334 | 0.542 | 0.704 | 0 | 3.000 |
| T3BIM12 | Is Parent Interested Knowing Teacher | 340 | 1.932 | 1.369 | 0 | 4.000 |
| T3BIM13 | Can Teacher Talk to Parent | 338 | 2.627 | 1.118 | 0 | 4.000 |
| T3BIM14 | Teacher Comfortable Talking About Probs | 340 | 2.994 | 1.013 | 0 | 4.000 |
| T3BIM15 | Freq Parent Make Suggestions | 340 | 1.453 | 1.178 | 0 | 4.000 |
| T3BIM16 | Does Parent Have Same Goals | 339 | 2.487 | 1.110 | 0 | 4.000 |
| T3BIM17 | Freq Parent Send Things to Class | 340 | 0.979 | 1.127 | 0 | 4.000 |
| T3BIM18 | Does Parent Encourage | 336 | 2.068 | 1.250 | 0 | 4.000 |
| T3BIM19 | Freq Parent Volunteer | 340 | 0.712 | 1.172 | 0 | 4.000 |
| T3BIM20 | Parent Involved in School Life? | 339 | 2.009 | 1.230 | 0 | 4.000 |
| T3BIM21 | How Important Educ in this Family | 338 | 2.441 | 1.086 | 0 | 4.000 |

PTIT Items - Control Sample

| Variable | Label | N | Mean | Std Dev | Minimum | Maximum |
|----------|---|-----|-------|---------|---------|---------|
| T3BIM1 | Freq Parent Called Past Year | 408 | 0.855 | 0.806 | 0 | 4.000 |
| T3BIM2 | Freq Teacher Called Past Year | 407 | 1.256 | 0.771 | 0 | 4.000 |
| T3BIM3 | Freq Parent Written Past Year | 406 | 1.039 | 0.749 | 0 | 4.000 |
| T3BIM4 | Freq Teacher Written Past Year | 406 | 1.813 | 1.008 | 0 | 4.000 |
| T3BIM5 | Freq Parent Stopped by Past Year | 407 | 1.076 | 0.921 | 0 | 4.000 |
| T3BIM6 | Freq Tcher Invited Spec Event Past Year | 408 | 1.578 | 0.602 | 0 | 4.000 |
| T3BIM7 | Freq Parent Attd Spec Event Past Year | 408 | 0.868 | 0.716 | 0 | 4.000 |
| T3BIM8 | Freq Teacher Invited Conf Past Year | 407 | 1.145 | 0.482 | 0 | 3.000 |
| T3BIM9 | Freq Parent Attended Conf Past Year | 407 | 0.811 | 0.536 | 0 | 3.000 |
| T3BIM10 | Freq Teacher Invited PTA Past Year | 405 | 1.731 | 0.562 | 0 | 3.000 |
| T3BIM11 | Freq Parent Attended PTA Past Year | 400 | 0.493 | 0.649 | 0 | 2.000 |
| T3BIM12 | Is Parent Interested Knowing Teacher | 408 | 1.863 | 1.340 | 0 | 4.000 |
| T3BIM13 | Can Teacher Talk to Parent | 407 | 2.464 | 1.199 | 0 | 4.000 |
| T3BIM14 | Teacher Comfortable Talking About Probs | 407 | 2.904 | 1.080 | 0 | 4.000 |
| T3BIM15 | Freq Parent Make Suggestions | 408 | 1.510 | 1.250 | 0 | 4.000 |
| T3BIM16 | Does Parent Have Same Goals | 407 | 2.287 | 1.186 | 0 | 4.000 |
| T3BIM17 | Freq Parent Send Things to Class | 407 | 0.754 | 0.982 | 0 | 4.000 |
| T3BIM18 | Does Parent Encourage | 405 | 1.723 | 1.236 | 0 | 4.000 |
| T3BIM19 | Freq Parent Volunteer | 407 | 0.494 | 0.954 | 0 | 4.000 |
| T3BIM20 | Parent Involved in School Life? | 408 | 1.787 | 1.209 | 0 | 4.000 |
| T3BIM21 | How Important Educ in this Family | 408 | 2.201 | 1.117 | 0 | 4.000 |

PTIT Scales - Normative Sample

| Variable | Label | N | Mean | Std Dev | Minimum | Maximum |
|----------|---|-----|-------|---------|---------|---------|
| PTT3TOT | PTT Total | 340 | 1.516 | 0.579 | 0.333 | 3.143 |
| PTT3CONT | PTT parent-teacher contact | 340 | 1.060 | 0.445 | 0 | 2.833 |
| PTT3INVO | PTT parent involvement and volunteering | 340 | 0.957 | 0.597 | 0 | 3.000 |
| PTT3COMF | PTT parent comfort with teacher | 339 | 2.110 | 0.947 | 0 | 4.000 |

PTIT Scales - Control Sample

| Variable | Label | N | Mean | Std Dev | Minimum | Maximum |
|----------|---|-----|-------|---------|---------|---------|
| PTT3TOT | PTT Total | 408 | 1.460 | 0.590 | 0.235 | 2.952 |
| PTT3CONT | PTT parent-teacher contact | 408 | 1.153 | 0.472 | 0 | 2.833 |
| PTT3INVO | PTT parent involvement and volunteering | 408 | 0.905 | 0.553 | 0 | 3.000 |
| PTT3COMF | PTT parent comfort with teacher | 408 | 1.944 | 0.966 | 0 | 4.000 |