

**Parent and Teacher Involvement Measure – Teacher**  
**Year 3 Update**

**Fast Track Project Technical Report Update**  
**Patrick S. Malone**  
**11-Jan-00**

**Table of Contents**

- I. Scale Description
- II. Report Sample
- III. Scaling
- IV. Differences Between Groups
- V. Item and Scale Means and SD's

**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