

Parental Monitoring of Technology for Offspring (TCH)

Study Year 28

Fast Track Project Technical Report

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Citation

Instrument

Kildare, C. A., & Middlemiss, W. (2017). Impact of parents' mobile device use on parent-child interaction: A literature review. *Computers in Human Behavior*, 75, 579–593.

Report

Paige, J. (2022). Parental Monitoring of Technology for Offspring (Fast Track Project Technical Report). Available from the Fast Track Project website: <http://www.fasttrackproject.org>

Measure Description

Parental Monitoring of Technology for Offspring (TCH) is a thirteen-item measure that captures the extent to which parents monitor their children's technology use, how they enforce those rules, and the frequencies with which they talk to their children about technology usage. The three mean scores are constructed from the items: a total score and 2 sub-scales capturing technology monitoring and discourse with their child about technology.

Unscored Dataset Name: c28fs

Score Data Name: TCH28

Report Sample:

This report provides descriptive statistics for the cohort 1 normative sample (original n=387). In addition, this report compares the means and frequencies for two additional samples: the high-risk control sample from cohort 1 (n=155) and the non-high-risk normative sample from cohort 1 (n=308). The non-high-risk normative sample excludes the high-risk normative participants who are also a part of the high-risk control sample (n=54). In year 28, 288 cohort 1 normative participants, 104 high-risk-control cohort 1 participants and 234 non-high-risk normative participants completed at least part of the survey. The Parental Monitoring of Technology for Offspring measure was only completed by participants who had children. In year 28, 152 normative parents, 57 high-risk control parents and 119 non-high-risk normative parents completed the measure.

Scaling

The table below describes the items included in the measure. The response options for all items range from 1-4 (1= Never, 4= Often).

c28fs01	Freq Check the content the of your child's devices/social media accounts
c28fs02	Freq All smartphones, tablets, and laptops are kept outside of your child's room at night
c28fs03	Freq Your child's downloads must be approved
c28fs04	Freq use a third-party app or other tool to manage your child's device
c28fs05	Freq enforce rules about the amount of time your child spends using technology
c28fs06	Freq monitor your child's location using technology
c28fs07	Freq talk to your child about what he/she does online or on social media
c28fs08	Freq do shared activities together with your child online or on social media
c28fs09	Freq explain why some websites or types of social media are good or bad
c28fs10	Freq suggest ways to use the internet or social media safely
c28fs11	Freq suggest ways to behave towards other people online or on social media
c28fs12	Freq help your child when something bothers him/her online or on social media
c28fs13	Freq talk to your child about what s/he would do if something online or on social media ever bothered them

The table below describes the scales created for the Parental Monitoring of Technology for Offspring measure. The scales are constructed as averages across the listed items

Scales	Items	Description
TCH28dis	C28fs (07-13)	Technology Discourse with child Mean Score
TCH28tot	C28fs (01-13)	Total mean score
TCH28use	C28fs (01-06)	Monitoring of Child's Technology Use

Descriptive Statistics

Full Normative Sample

Full Normative Sample							
		Cronbach's alpha	N	Mean	SD	Min	Max
TCH28dis	Discourse	0.90	120	3.06	1.02	0	4
TCH28tot	Total	0.78	131	2.81	0.89	0	4
TCH28use	Monitoring	0.90	152	2.63	1.04	0	4

Comparison of Non-High-Risk Normative and High-Risk Control Samples

There is no evidence of statistically significant differences between the high-risk control sample and the non-high-risk normative sample across the Parental Monitoring of Technology for Offspring scales.

		Non-High Risk Normative			High Risk Control			T-test/chi Sq Results		
		N	Mean	SD	N	Mean	SD	DF	t/chi sq	p-val
TCH28dis	Discourse	92	3.10	0.99	48	2.99	1.07	138	0.60	0.55
TCH28tot	Total	102	2.84	0.87	49	2.78	1.02	149	0.40	0.69
TCH28use	Monitoring	119	2.69	1.03	57	2.52	1.17	174	1.01	0.31

*If the null hypothesis of equal variances is rejected, the t-test estimates shown in the table assume unequal variances, otherwise the t-test results shown assume equal variances.