

Measurement of Digital Media: A Scoping Review

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Appendix C – Grey Literature Sources

Table 1. Study Characteristics – Grey Literature

Measurement Tool	Source #	Authors (Year)	Study Setting	Total Sample Size	Sample Age Group(s)	Race	SES - Index	Study Paradigm	Risk of Bias
EU Kids Online 2017	1	EU Kids Online (2017)	Unknown/Unclear	Unknown	School Age Adolescence Young Adults	Unknown	Not Specified	Survey (Local)	Moderate
January 2018 Core Trends Survey	2	Smith & Anderson (2018)	In-Home	2002	Young Adults	Unknown	Not Specified	National Survey	Low
2018 PEW Research Center's Parent Survey	3a	Jiang (2018)	In-Home, Online	1058	Adolescence	Unknown	Not Specified	National Survey	Low
2018 PEW Research Center's Teen Survey	3b	Jiang (2018)	In-Home, Online	743	Adolescence	Unknown	Not Specified	National Survey	Low
	4	Anderson & Jiang (2018)	In-Home, Online	1801	Adolescence	Unknown	Diverse SES – Author's Scale	National Survey	Low
2018 PEW Research Center's American Trends Panel	5	Smith, Toor, & van Kessel (2018)	In-Home	4594	Infancy Preschool Age School Age Young Adults	Unknown	Not Specified	National Survey	Low
Screens and Sleep Child Questionnaire	6a	Robb (2019)	In-Home, Online	1000	School Age Adolescence Young Adults	Unknown	Diverse SES – Author's Scale	National Survey	Low
Screens and Sleep Parent Questionnaire	6b	Robb (2019)	In-Home, Online	1000	School Age Adolescence Young Adults	64% White 17% Hispanic 12% Black	Diverse SES – Author's Scale	National Survey	Low
Social Media, Social Life Survey 2018	7	Rideout & Robb (2018)	Online	1141	Adolescence	54% White 23% Hispanic 14% Black	Diverse SES – Author's Scale	National Survey	Low
The Common Sense Census: Media Use by Kids Zero to Eight Questionnaire	8	Common Sense Media (2017)	Online	1454	Infancy Preschool Age School Age	56% White 23% Hispanic 11% Black	Diverse SES – Author's Scale	National Survey	Low
The Common Sense Census: Media Use by Tweens and Teens Questionnaire	9	Rideout & Robb (2019)	Online	1677	School Age Adolescence Young Adults	52% White 25% Hispanic 14% Black	High/Middle SES – Author's Scale	National Survey	Low
	10	Common Sense Media (2015)	Online	2658	School Age Adolescence Young Adults	54% White 23% Hispanic 13% Black	High/Middle SES – Author's Scale	National Survey	Low
The Common Sense Census: Plugged-in Parents of Tweens and Teens Questionnaire	11	Lauricella et al. (2016)	Online	1786	School Age Adolescence Young Adults	Unknown	Diverse SES – Author's Scale	National Survey	Low
The Digital Well-Being of Canadian Families Survey	12	Brisson-Boivin (2018)	Online	825	Infancy Preschool Age School Age Adolescence	Unknown	Diverse SES – Author's Scale	National Survey	Low

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The New Normal: Parents, Teens, and Mobile Devices in Mexico Child Questionnaire	13a	Robb, Bay, & Vennegaard (2019)	Online	1226	Adolescence Young Adults	Unknown	Diverse SES – Common Index	National Survey	Low
The New Normal: Parents, Teens, and Mobile Devices in Mexico Parent Questionnaire	13b	Robb, Bay, & Vennegaard (2019)	Online	1226	Adolescence Young Adults	Unknown	Diverse SES – Common Index	National Survey	Low
Unnamed	14	Duggan (2015)	In-Home	1907	Young Adults	Unknown	Diverse SES – Author's Scale	National Survey	Low

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Table 2. Digital Media Use Measurement Tool Characteristics – Grey Literature

Measurement Tool	Source #	Measurement Type	Informant	Digital Media Device	Media Type	Usage Characteristics	Specific Applications/ Websites	Reliability	Validity	Author Identified Tool Strengths/Limitations
EU Kids Online 2017	1	Survey	Self-Report	Cellphone/Smartphone Laptop Tablet Television Gaming Consoles Wearables Smart Toys	Video Game Social Media Communication (Texting/Video Chatting) TV/Video Streaming Internet Browsing	Active Sedentary Online Productive Consumptive	Facebook Snapchat Instagram Twitter	Unknown/ Unclear	Unknown/ Unclear	Not reported
January 2018 Core Trends Survey	2	Survey	Self-Report	Cellphone/Smartphone Multi-Screen Composite (Unspecified)	Social Media TV/Video Streaming Internet Browsing	Online Offline	Facebook YouTube WhatsApp Snapchat Instagram Twitter LinkedIn Pinterest	Unknown/ Unclear	Unknown/ Unclear	Not reported
2018 PEW Research Center's Parent Survey	3a	Survey	Parent-Report	Cellphone/Smartphone Multi-Screen Composite (Unspecified)	Video Game Social Media Communication (Texting/Video Chatting) Internet Browsing	Online Offline	Unknown/ Unclear	Unknown/ Unclear	Unknown/ Unclear	Not reported
2018 PEW Research Center's Teen Survey	3b	Survey	Self-Report	Cellphone/Smartphone Multi-Screen Composite (Unspecified)	Video Game Social Media Communication (Texting/Video Chatting) Internet Browsing	Online Offline	Unknown/ Unclear	Unknown/ Unclear	Unknown/ Unclear	Not reported
	4	Survey	Self-Report	Cellphone/Smartphone Laptop Gaming Console	Video Game Social Media	Online Offline Educational Productive Consumptive	Facebook YouTube Snapchat Instagram Twitter Tumblr Reddit	Unknown/ Unclear	Unknown/ Unclear	Not reported
2018 PEW Research Center's American Trends Panel	5	Survey	Self-Report Parent-Report	Unknown/Unclear	TV/Video Streaming	Online Productive Consumptive	YouTube	Unknown/ Unclear	Unknown/ Unclear	Not reported
Screens and Sleep Child Questionnaire	6a	Survey	Self-Report	Cellphone/Smartphone	Video Game Social Media	Online Offline Productive	Unknown/ Unclear	Unknown/ Unclear	Unknown/ Unclear	Not reported

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				Communication (Texting/Video Chatting) TV/Video Streaming Internet Browsing	Consumptive					
Screens and Sleep Parent Questionnaire	6b	Survey	Mother-Report Father-Report Parent-Report	Cellphone/Sm artphone	Video Game Social Media Communication (Texting/Video Chatting) TV/Video Streaming Internet Browsing	Online Offline Productive Consumptive	Unknown/ Unclear	Unknown/ Unclear	Unknown / Unclear	Not reported
Social Media, Social Life Survey 2018	7	Survey	Self-Report	Cellphone/Sm artphone Laptop Tablet	Social Media Communication (Texting/Video Chatting)	Online Offline	Facebook Snapchat Instagram Twitter Tumblr Reddit	Unknown/ Unclear	Unknown / Unclear	Not reported
The Common Sense Census: Media Use by Kids Zero to Eight Questionnaire	8	Survey	Parent-Report	Cellphone/Sm artphone Laptop Tablet Television Gaming Consoles Digital Assistants DVD Player Virtual Reality Headset e-Readers Educational Gaming Devices Smart Toys	Video Game Social Media Communication (Texting/Video Chatting) TV/Video Streaming Internet Browsing eBooks Virtual/Augmente d Reality Using Apps Take Photos/Videos	Online Offline Educational Productive Consumptive	YouTube Instagram Snapchat Netflix Amazon Prime Hulu Musical.ly Club Penguin Minecraft Animal Jam	Unknown/ Unclear	Unknown / Unclear	Not reported
The Common Sense Census: Media Use by Tweens and Teens Questionnaire	9	Survey	Self-Report	Cellphone/Sm artphone Laptop Tablet Television Gaming Consoles Digital Assistants Wearables	Video Game Social Media Communication (Texting/Video Chatting) TV/Video Streaming Internet Browsing eBooks Virtual/Augmente d Reality Music	Online Offline Educational Productive Consumptive	Unknown/ Unclear	Unknown/ Unclear	Unknown / Unclear	Not reported

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			Virtual Reality Headset e-Readers	Writing Creating Art Shopping Coding Using Apps						
	10	Survey	Self-Report	Cellphone/Smartphone Laptop Tablet Television Gaming Consoles Portable Game Players Portable Music Players e-Readers	Video Game Social Media Communication (Texting/Video Chatting) TV/Video Streaming Internet Browsing eBooks Music Creating Art Using Apps	Online Offline Educational Productive Consumptive	Unknown/Unclear	Unknown/Unclear	Unknown/Unclear	Not reported
The Common Sense Census: Plugged-in Parents of Tweens and Teens Questionnaire	11	Survey	Parent-Report	Cellphone/Smartphone Laptop Tablet Television Gaming Consoles Portable Game Players e-Readers	Video Game Social Media Communication (Texting/Video Chatting) TV/Video Streaming Internet Browsing Music Working/School	Online Offline Educational Productive Consumptive	Unknown/Unclear	Unknown/Unclear	Unknown/Unclear	Not reported
The Digital Well-Being of Canadian Families Survey	12	Survey	Parent-Report	Cellphone/Smartphone Laptop Tablet Television Gaming Consoles Digital Assistants Virtual Reality Headset e-Readers Educational Gaming Devices Smart Toys	Video Game Social Media Communication (Texting/Video Chatting) TV/Video Streaming Internet Browsing eBooks	Online Offline Solitary Shared Educational Productive Consumptive	Unknown/Unclear	Unknown/Unclear	Unknown/Unclear	Not reported
The New Normal: Parents, Teens, and Mobile Devices in	13a	Survey	Self-Report	Unknown/Unclear	Video Game Social Media Communication (Texting/Video Chatting)	Online Offline Educational Productive Consumptive	Unknown/Unclear	Unknown/Unclear	Unknown/Unclear	Not reported

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Mexico Child Questionnaire				TV/Video Streaming Internet Browsing						
The New Normal: Parents, Teens, and Mobile Devices in Mexico Parent Questionnaire	13b	Survey	Joint Parent-Report	Unknown/Unclear	Video Game Social Media Communication (Texting/Video Chatting) TV/Video Streaming Internet Browsing	Online Offline Educational Productive Consumptive	Unknown/Unclear	Unknown/Unclear	Unknown/Unclear	Not reported
Unnamed	14	Survey	Self-Report	Cellphone/Smartphone	Social Media Communication (Texting/Video Chatting)	Online Offline	Facebook WhatsApp Snapchat Instagram Twitter LinkedIn Pinterest Tumblr Reddit Digg Slashdot Kik Wickr iMessage	Unknown/Unclear	Unknown/Unclear	Not reported