

Appendix G. Information Availability Metric Calculation

Figure G-1. Flow chart explaining the Information Availability Metric (IAM) calculation used in the PICS approach.

Available data categories	Modifying Criteria				
1.Mammalian Acute 2.One of (mammalian subchronic, mammalian repeat dose, mammalian chronic) 3.Mammalian reproductive 4.Mammalian developmental 5.Mammalian neurotoxicity 6.Mammalian cancer 7.Mammalian genotoxicity 8.Skin Sensitization or eye corrosivity 9.Exposure 10.Eco aquatic plant acute 11.Eco aquatic invertebrate acute 12.Eco aquatic vertebrate acute 13.Eco aquatic plant repeat dose 14.Eco aquatic invertebrate repeat dose 15.Eco aquatic vertebrate repeat dose	None	Is there a high-quality public risk assessment (cancer or non-cancer)?	Is this a chemical intermediate AND a short environmental half-life (hours)?	Is this a chemical with low water solubility (< 0.1 mg/L)*?	Is this a chemical with MW > 1000 OR an exempt polymer?
	Add 1 for categories 1-15 with available data	Add 8 for the assumption that all mammalian data is available (1-8 on list of data categories) plus 1 for categories 9-15 with available data	Add 1 for categories 1-9 with available data	Add 1 for categories 1-8 with available data	Add 1 for categories 8 and 9 with available data
	Divide by the denominator (15)	Divide by the denominator (15)	Divide by the denominator (9)	Divide by the denominator (8)	Divide by the denominator (2)
	Scale to percent.				
	IAM				