## Contents

Illustrations		vii
Preface		xi
1	NETWORK SERVICE AND RESOURCE EVALUATION PLANNING	1
	John Carlo Bertot	
2	SELECTING EVALUATION APPROACHES FOR A NETWORKED ENVIRONMENT	23
	John Carlo Bertot and J.T. Snead	
3	METHODS AND TOOLS FOR ASSESSING NETWORK SERVICES AND RESOURCES	49
	John Carlo Bertot	
4	E-METRICS AND PERFORMANCE INDICATORS: AVAILABILITY AND USE	95
	John Carlo Bertot	
5	NEEDS ASSESSMENT	187
	Denise M. Danis	

6	REQUESTS FOR PROPOSALS, LICENSES, AND CONTRACTS: ASSESSING NEGOTIATED AGREEMENTS FOR NETWORK-BASED	
	COLLECTIONS AND SERVICES	223
	Denise M. Davis	
7	POLICIES TO ENSURE USE OF AND ACCESS TO	0.14
	NETWORK-BASED SERVICES AND RESOURCES	241
	Denise M. Davis and John Carlo Bertot	
8	RESOURCE ALLOCATION IN THE NETWORKED	
	ENVIRONMENT	263
	Judith Hiott and Syma Zerkow	
9	GETTING THE MOST OUT OF VENDOR-SUPPLIED	
	USAGE STATISTICS	291
	Wonsik Shim	
10	USAGE STATISTICS FROM THE	
	VENDOR'S PERSPECTIVE	315
	Oliver Pesch	
11	KEY ISSUES, THEMES, AND FUTURE DIRECTIONS	
	FOR EVALUATING NETWORKED SERVICES	333
	Charles R. McClure	
Inde	Index	
About the Editors and Contributors		353

## Index

Acceptable-use policies, 241 development of, 242-244, 249, 257 - 258examples and case studies, 244-248, 254-257 legislation relevant to, 249-252 resources for, 257 Access to networked services, 242-244. See also Acceptableuse policies legislation relevant to, 249-252 Accreditation standards, 2 Activities, 28, 55 Analog log file analysis tool, 68, 195, Analysis of evaluation data, 9, 20, 56 - 57focus group and interview data, 66 survey findings, 62 usage statistics, 296-300 Anywhere/anytime aspect of networked services, 24, 35 A-to-Z list, 317 Attempted logons, 294

Balanced scorecard assessment, 16–19, 25, 29, 31, 41–43 Benchmarking, 25, 29 Best practice, 25, 29 Budgeting, 263–265

California Department of Education school library guidelines, 256 Central tendency, measures of, Children's Internet Protection Act (CIPA), 249, 251-252 Children's Online Privacy Protection Act (COPPA), 249, 251-252 Closed survey questions, 59 Collection management, 268–278 Collection of evaluation data, 5, 53 library usage statistics, 321-324 resource use data gathering, 67 - 69user-based methods, 57-66 from vendors, 300-310 Confidentiality, 60, 66 Consortial purchasing, 225, 226, 273 - 275Convenience sampling, 56 COUNTER (Counting Online Usage of Networked Electronic Resources), 98-99, 188, 287, 310, 324–325, 326, 327, 331 Cross-resource search and retrieval. See Metasearch engines

Capability assessment, 4-5, 6

Data map, 7–8 Data warehousing, 308, 323 Decision support, 297–299

eIQ LogAnalyzer log file analysis tool, 195 E-journals, 269–271, 317 Electronic Freedom Foundation (EFF), 252 Elementary and Secondary

Education Act (ESEA), 250

E-mail surveys, 58

E-metrics, 4, 285-287. See also

Performance indicators; Statistics, library usage in balanced-scorecard analysis, 16 collecting, 103–116

development of, 187–189 and evaluation of databases, 229, 232–238

examples of use, 116–125 overview of, 101–103

in service and resource analysis, 10 standards and bodies, 96–101,

324-325, 326

and usage reports, 293

E-metrics Instructional System (EMIS), 101, 286

Evaluation frameworks, 5, 7, 55. See also Collection of evaluation data

aspects of, 27-29

balanced scorecard, 41–43 comparison of, 43–46

outcomes assessment, 39-41 output assessment, 31, 35-36

overview of, 25–27

performance measurement, 35–36

quality assessment, 36-39

references for, 44
Evaluation methods. See also

Measurement data collection, 57–58

elements of, 50-51

and e-metrics, 229, 232–238 general considerations regarding,

56–57

Evaluation process, 1

balanced scorecard approach, 16–19

conceptual framework for, 29–31,

management of, 20

Network Service and Resource Component approach, 10–16 planning, 2 putting into practice, 19–21

Federated search and retrieval. See
Metasearch engines
Fill-in survey questions, 59
Focus groups, 64–66
analysis of findings, 66
Forced-choice survey questions, 59
Foreign Intelligence Surveillance Act
(FISA), 252
Full-text aggregator, 318

Full-text aggregator, 318 Full-time equivalent (FTE), 197

Gap analysis, 5 Georgia Library Learning Online (GALILEO), 238 Group sales agreements, 225, 226

Handouts, user feedback, 58 Houston Public Library, 267, 269, 270, 276, 279

Indicators, 52, 55

Infrastructure for networked services, 194–196, 265–268 In lieu of agreements, 226

In lieu of agreements, 226 Inputs, 28, 53

International Coalition of Library Consortia (ICOLC), 98, 256, 275, 287, 324–325, 326, 331

Interviews, 64–66 analysis of findings, 66

IP address data, issues involving, 68,

IP telephony for online reference service, 282

Journals, print and electronic, 269–271

Key-event logging, 322-324

Law enforcement, library relations with, 253–254
Legislation impacting library policies, 249–252

LibQUAL+, 29, 37–38, 64, 197 Library-centered evaluation, 31 Library policies. *See* Acceptable-use policies

Library Services and Technology Act (LSTA), 2, 26, 41, 250, 252

Licensing, 192, 225 Link resolver, 318 Local (library) purchasing, 224 Log files, 67–69, 322–324 vendor-supplied, 67

Mail surveys, 58

Management structure for evaluation process, 20

Meadville (Pennsylvania) Public
Library, 267

Measurement, 52
planning, 53

Media relations, 253–254

Metasearch engines, 68, 267, 318, 329

National Leadership Grants, 26 Needs assessment, 4–5, 6, 189–197 methods of, 197–199, 206–214 Negotiations with vendors, 275–278 Nelsonville (Ohio) Public Library, 267 Network Service and Resource

Component assessment, 10-16

Omaha Public Library, 254–256 One-time purchases, 272–273 Online information services, examples of, 24, 317–319 Open-ended survey questions, 59 Open-source software, 266 Orbis Cascade Alliance, 226
Organizational factors, 2, 29
Outcomes assessment, 25, 27, 31, 39–41
Output assessment, 27, 31, 35–36
Outputs, 28
Outsourcing
library reference services, 283
networked services, 192–193
survey development, 63–64

Patriot Act, 61, 249, 250–251

"Pay by the drink" (payment per use),
275–276

Performance indicators, 4, 35–36,
285–287. See also E-metrics;
Statistics, library usage
in balanced-scorecard analysis,

16 examples of use, 116–125 in service and resource analysis,

standards and bodies, 96–101, 324–325, 326

Performance measurement, 27, 31, 35–36

Planning, 264 Planning calendar, 198

Policy development for networked services, 242–244, 249. See also Acceptable-use policies

legislation relevant to, 249–252 Pop-up Web surveys, 59, 63, 197

Privacy, 60, 66 Probes, 65

Procurement methods, 223–238, 273–278

for journals and e-journals, 269–271

one-time purchases, 272–273
Project COUNTER (Counting
Online Usage of Networked
Electronic Resources),
98–99, 188, 287, 310, 324, 327,
331

Purposeful sampling, 56

Quality assessment. See Service quality assessment

Random sampling, 56
Reference collections, 271–272
Reference services, online, 278–283
Report generation, 297
Reporting
of evaluation data, 21
requirements, 2
Requests for information (RFIs), 225
Requests for proposals, 225–229
Resource use data collection, 67–69
Rolling up of usage data, 323

Sampling, 56 Secondary database, 319 Service goals, 191-194 Service quality assessment, 25, 27, 31, 36 - 39SERVQUAL, 37-38 Situational factors, 2, 29 Sources of data, 55 Spam filters, 63 Staffing, 196, 284-285 Standards and bodies, 96-101, 324-325, 326 Statewide procurement, models of, 229, 230-231 Statistics, library usage, 316-317, 318-320 collection of, 321-324 Surveys, 58, 197 analysis of findings, 62 components of, 60 developing/outsourcing, 63-64 types of questions on, 59 Systems management server (SMS),

Terminals, management of public, 266

TexShare, 274
Thin clients, 266
Total quality management (TQM),
38

University of Hawaii at Hilo Library,

University of Tennessee Libraries,
256
University of Texas at San Antonio
Library, 256
The University of Virginia Library,
256
USA Patriot Act, 61, 249, 250–251
User-centered evaluation, 31,
57–66

Vendors, online information

Vendors, online information issues faced by, 325–331 negotiations with, 275–278 types of, 317–319 Vendor-supplied log files, 67, 294–295 acquiring, 300–310 use of, 295–300

Web-based vendor's usage reports, 306
WebJunction, 284
WebLog log file analysis tool, 195
Web logs, 322–324
Web site usage, 283–284
WebTracker log file analysis tool, 68
WebTrends log file analysis tool, 67

Web-based surveys, 59, 63, 197

WebTrends log file analysis tool, 67, 294 Wireless networks, 266

Z39.7 standard, 188, 200–205, 287, 310, 324–325, 326