



THE UNIVERSITY OF
AUCKLAND
Te Whare Wānanga o Tāmaki Makaurau
NEW ZEALAND

Beyond the numbers:

Creating actionable data using Alma Analytics dashboard

Aleksandra Petrovic
IT Product Owner

Libraries and Learning Services
Te Tumu Herenga

ANZREG 2019 Conference
Gold Coast, 23-24 October

Changing Era in Libraries



**Collection
Variety**

**New
Trends**



**Adjusting
Budget**

**Changes in
Behavior**



**Use of
Spaces**



Collections 2018-2020



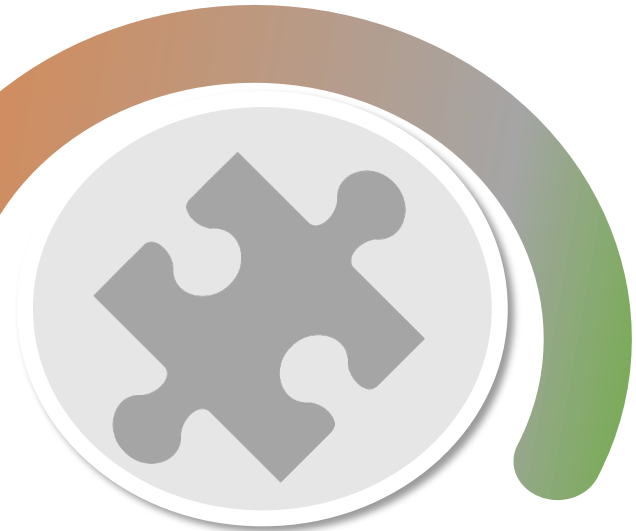
Create a high quality on-campus experience focusing on fewer points of presence, with a more consistent and modern customer experience



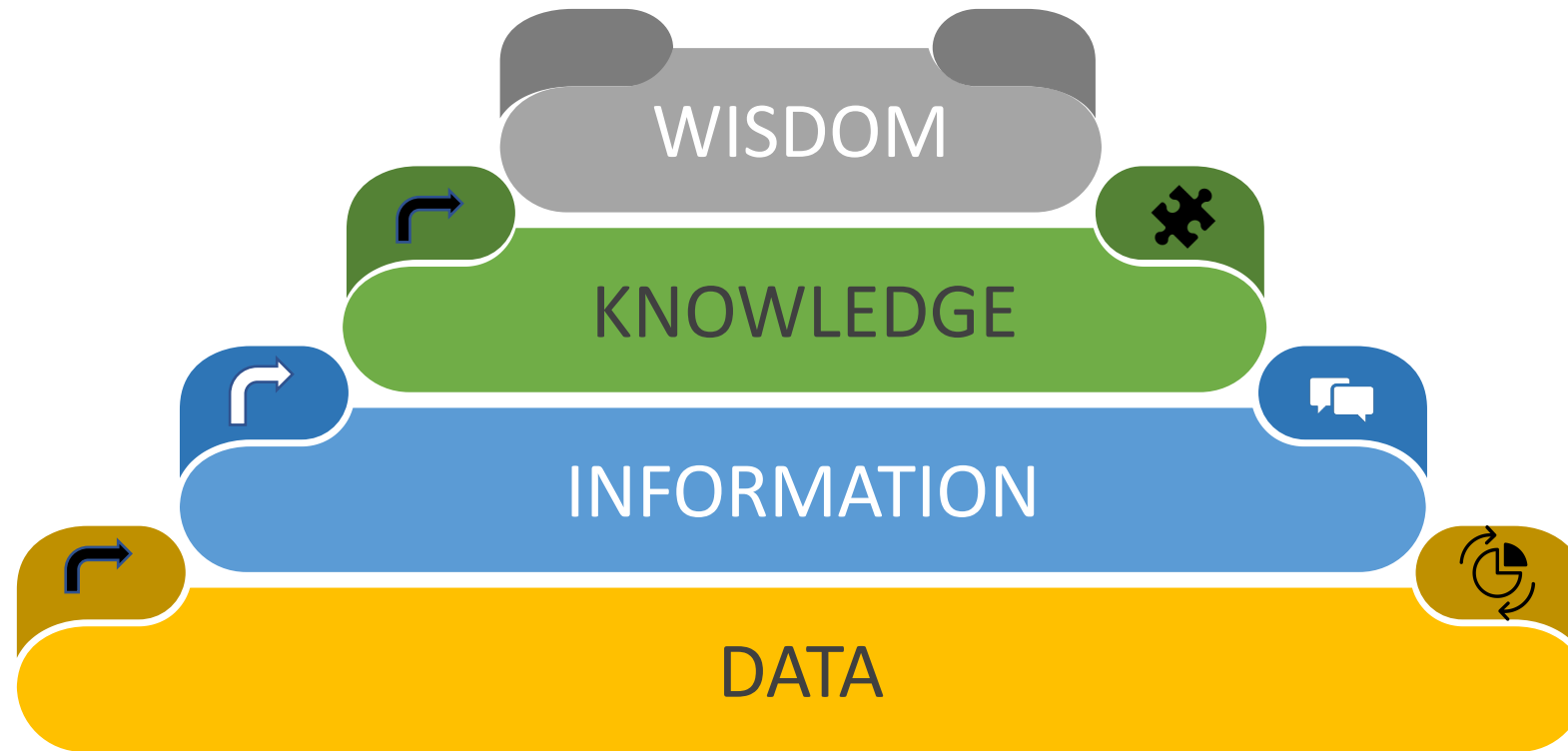
Refocus access to our collections so that current and high-demand material is easily accessible online and on-campus



Refocus LLS collection management towards digital collections and discoverability



Data Driven Decisions



Questions to Answer

Which titles are old and not recently used?



How much potential duplication is in our collections?



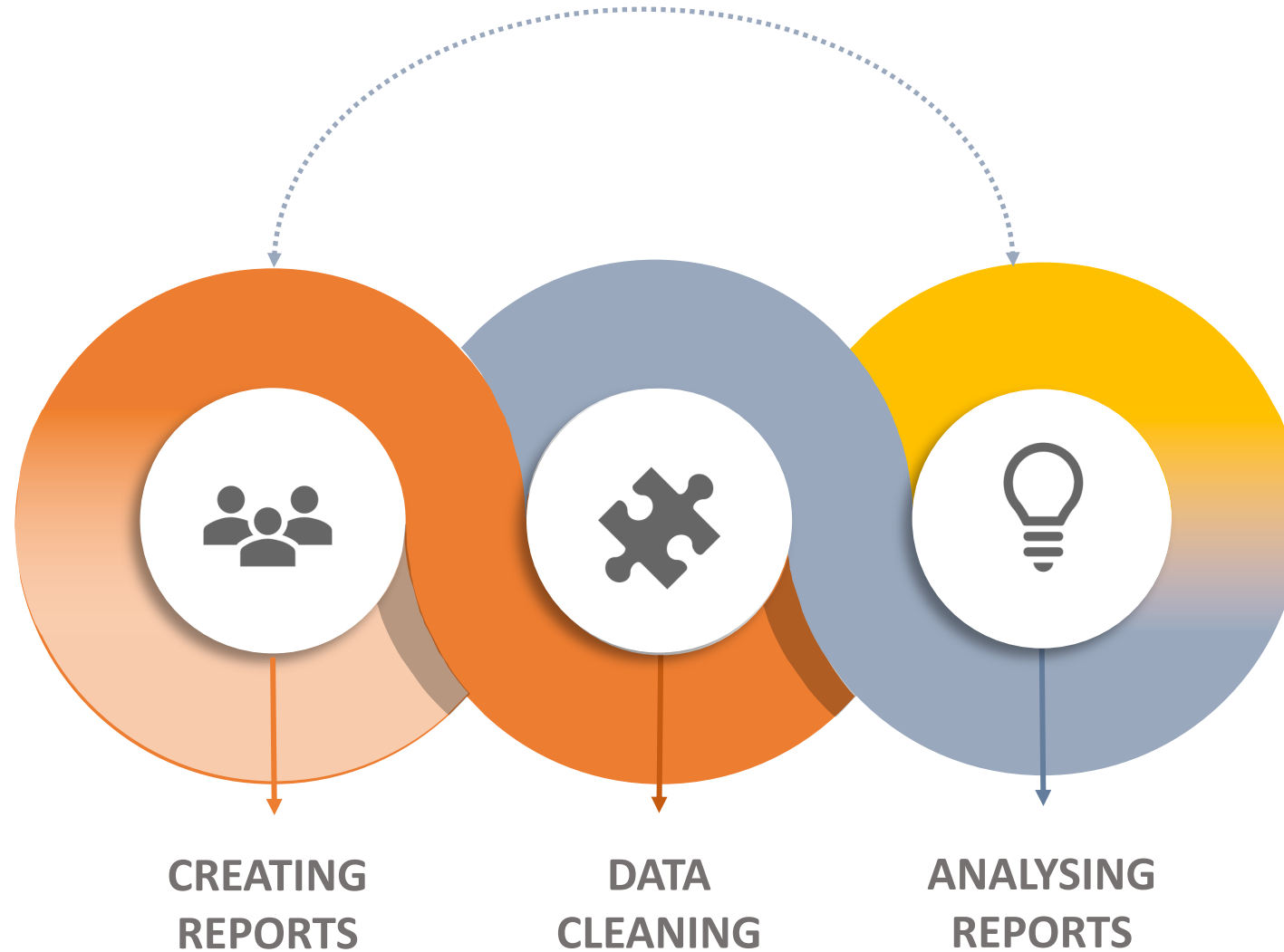
Which titles are “at-risk”?



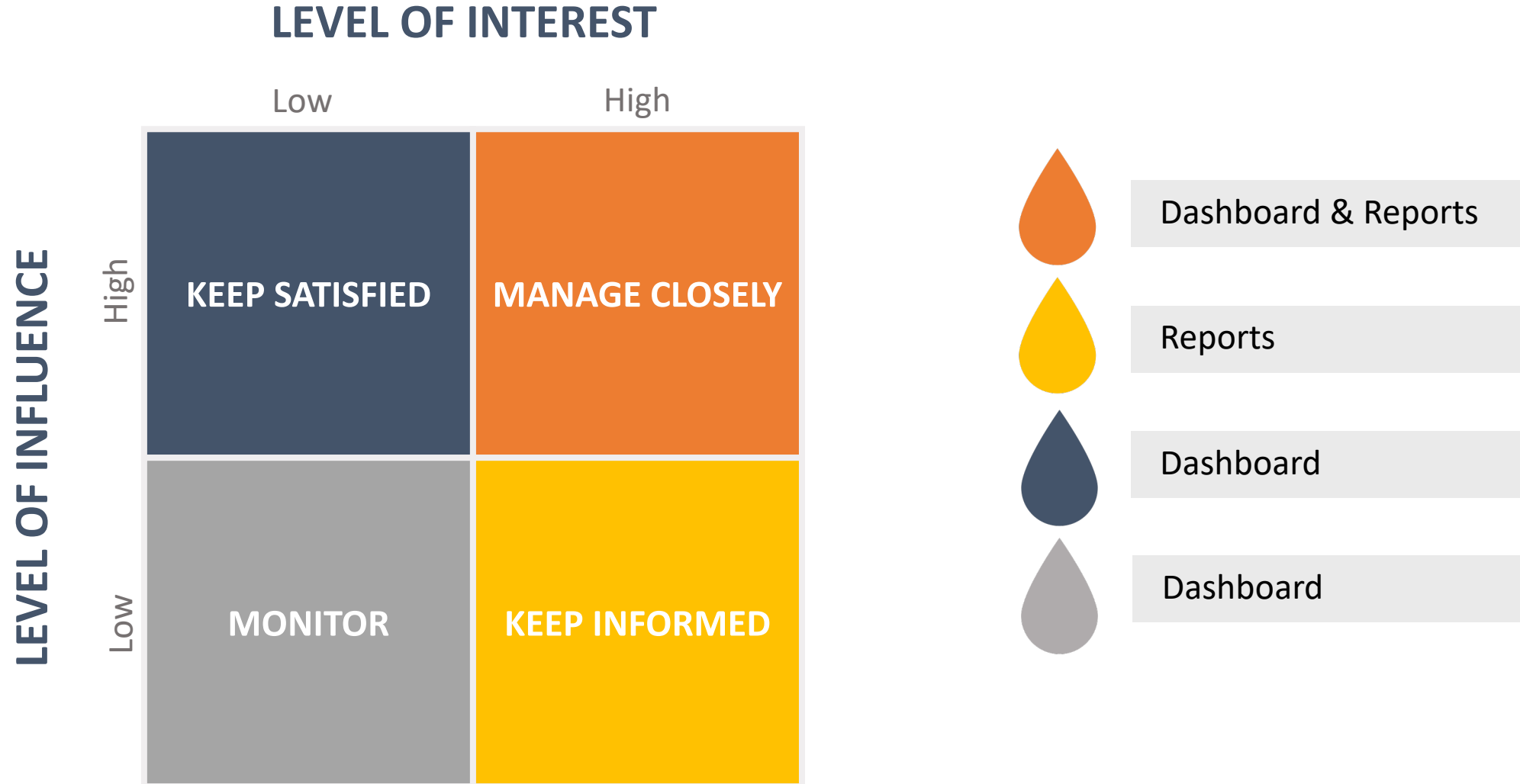
How much of our collections have zero or low recorded uses?



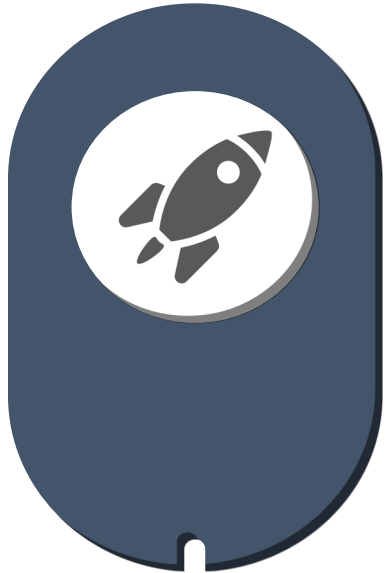
How We Did It in The Past?



Power-Audience Matrix



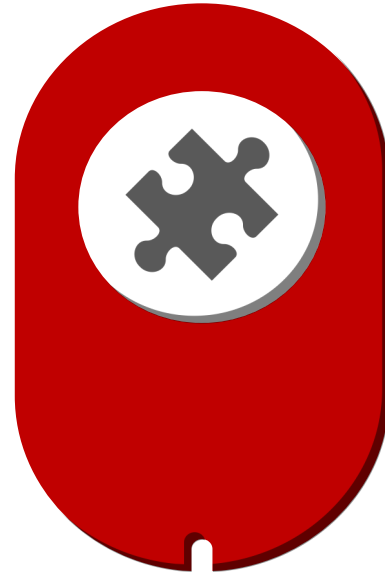
Why Alma Analytics?



**CONTINUOUS
IMPROVEMENT**



**AVOIDING
DATA EXPORT**



**ALL DATA
UP TO DATE**



**COST AND
TIME**

Challenges and Solutions



**LC SUBJECT
REPRESENTATION**



**MULTI-VOLUME
WORK**



**HISTORICAL
USAGE**



**EXPORTING
ISSUE**



**YEAR OF
PUBLICATION**



**SIZE
RESTRICTION**



**EMBEDDED
REPORT**



**BETTER
FORMATTING**

Overview – By Subject

Overview

Subject | By Subject Details | Possible Duplicates | By Publication Year | All with Duplicates | Retain Soft | Relegate Soft

Library Name ▼

Bib Material Type ▼

Location ▼

Call Number Starts

Call Number Ends

Call Number Contains

Call Number Between -

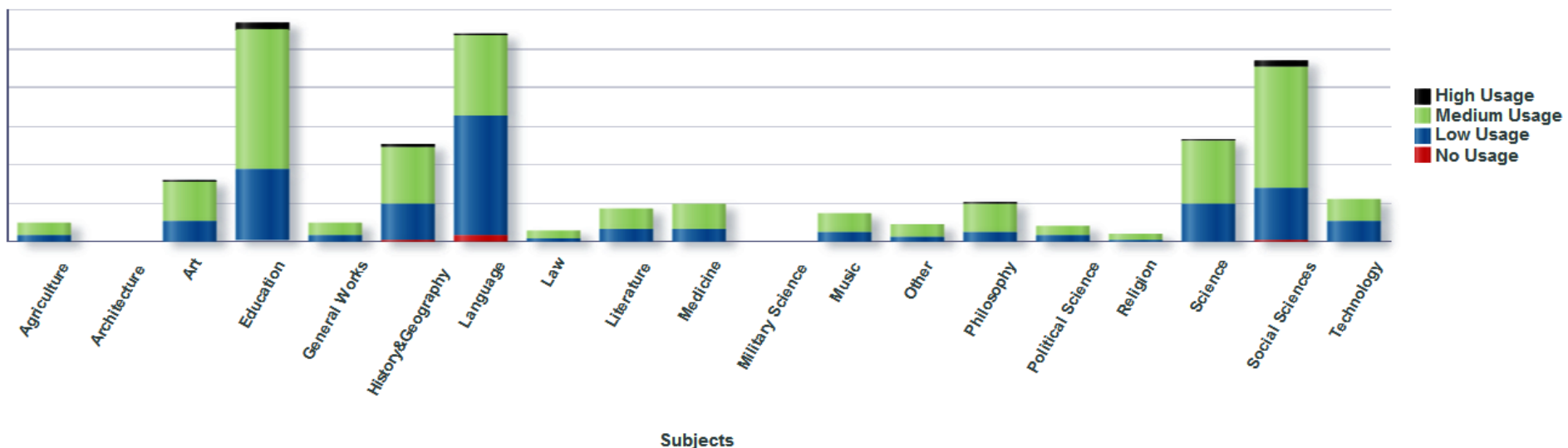
Accession Year Between -

Publication Year Between -

Alma Loans Between -

Historical Loan Between -

High, Medium, Low, No Usa ...



Average Total Usage

27

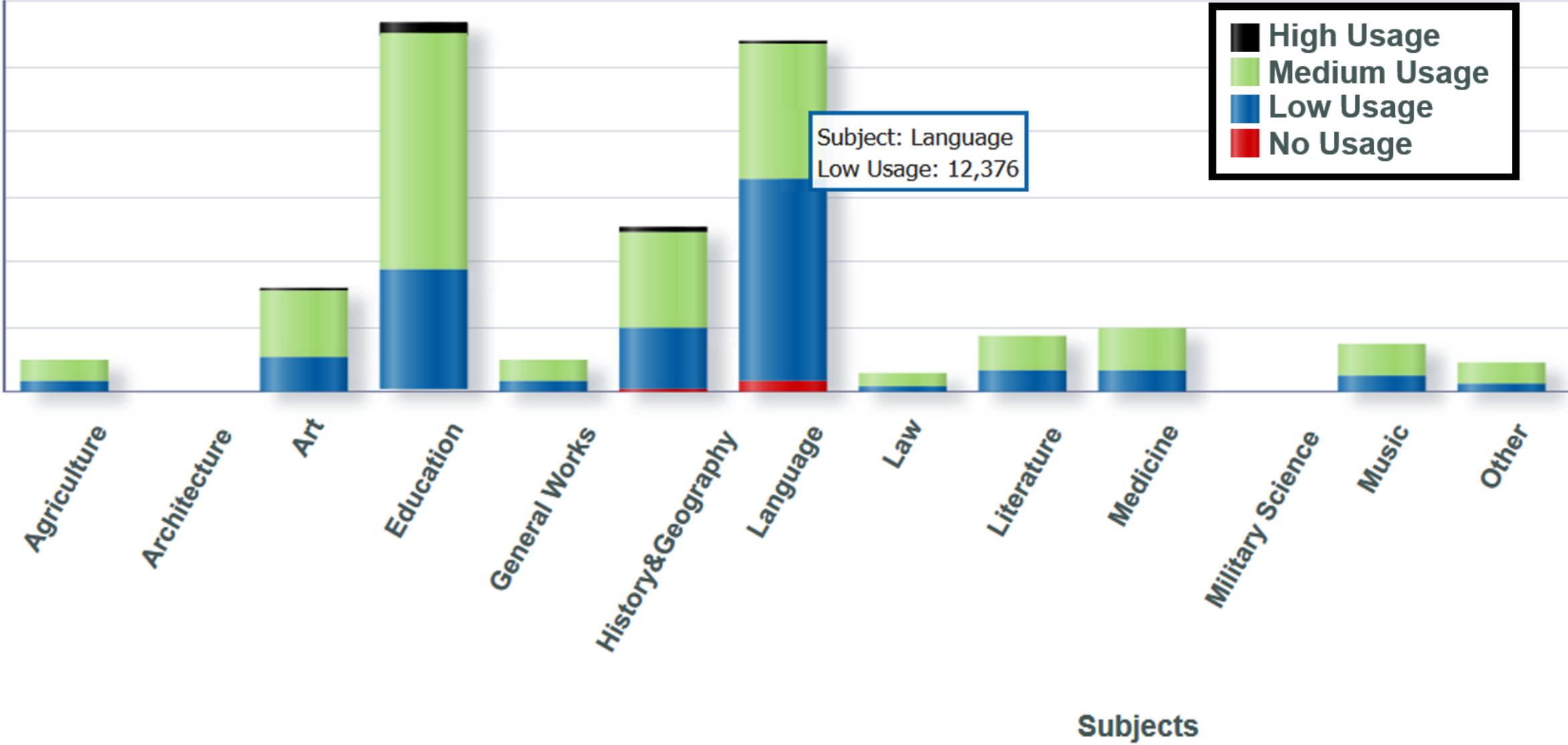
Average Alma Usage

4

Subject	No Usage	Low Usage	Medium Usage	High Usage
Agriculture	68	730	1,247	50
Architecture	2	49	61	1
Art	83	2,154	4,040	222

Overview – By Subject Graph

High, Medium, Low, No Usa...



Overview – By Subject Table

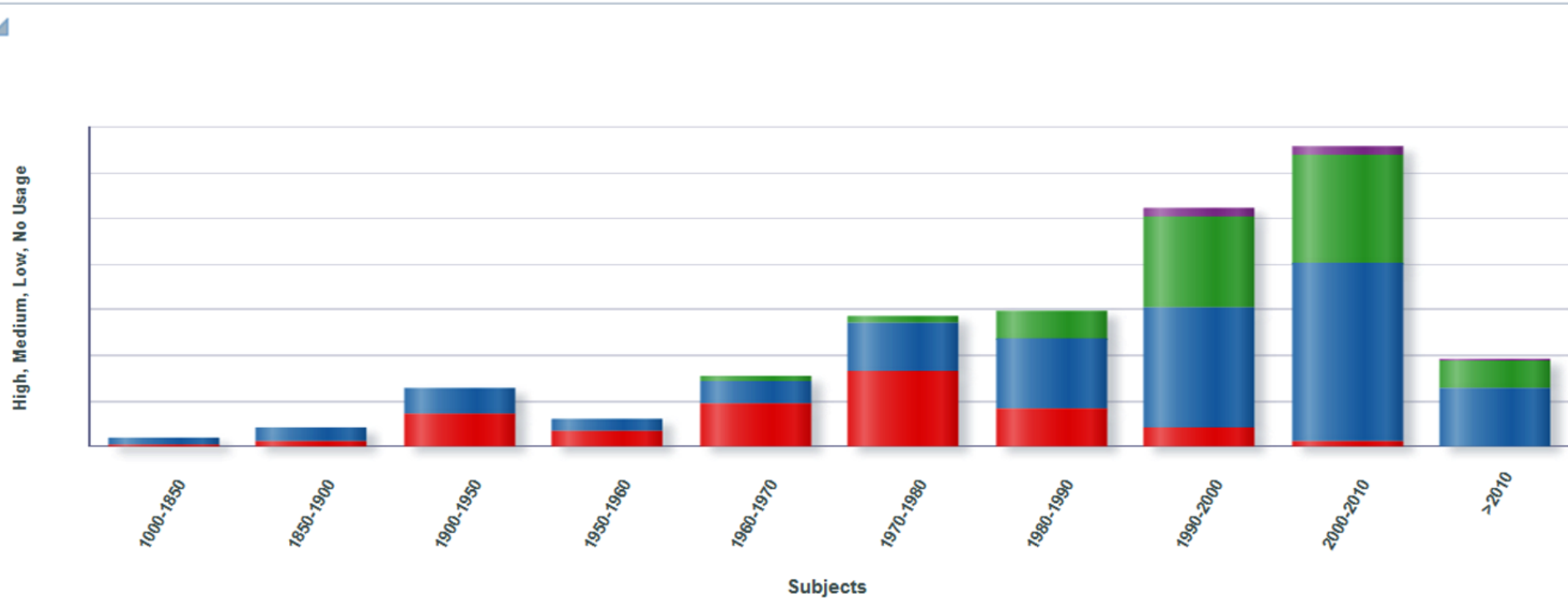
Subject	No Usage	Low Usage	Medium Usage	High Usage
Grand Total	2,178	45,196	69,596	3,033

Subject	No Usage	Low Usage	Medium Usage	High Usage
Agriculture	68	730	1,247	50
Architecture	2	49	61	1
Art	83	2,154	4,040	222
Education	157	7,406	14,375	819
General Works	46	734	1,175	47
History&Geography	312	3,681	5,872	300
Language	751	12,376	8,292	173
Law	20	419	726	14
Literature	102	1,270	2,035	47
Medicine	43	1,401	2,532	89
Military Science	6	142	129	0
Music	31	963	2,072	76
Other	15	553	1,367	56
Philosophy	37	978	2,912	187
Political Science	88	605	964	40
Religion	10	279	580	42
Science	139	3,895	6,473	169
Social Sciences	166	5,400	12,504	635
Technology	102	2,161	2,240	66
Grand Total	2,178	45,196	69,596	3,033

Overview – By Publication Year

By Subject | By Subject Details | Possible Duplicates | **By Publication Year** | All with Duplicates | Retain Soft | Relegate Soft

Library Name
 Bib Material Type
 Location
 Call Number Starts
 Call Number Ends
 Call Number Contains
 Call Number Between -
 Accession Year Between -
 Publication Year Between -
 Alma Loans Between -
 Historical Loan Between -



Average Year of Publication

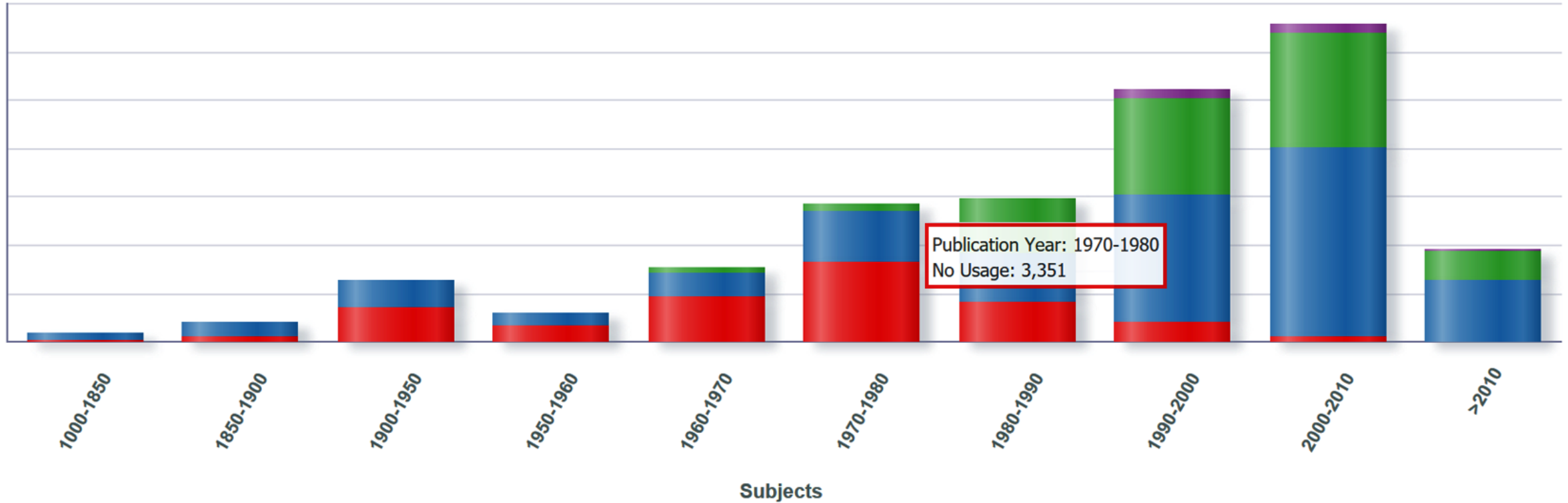
1987

Publication Year	No Usage	Low Usage	Medium Usage	High Usage
1616	1	1	0	0
1720	1	0	0	0
1722	1	0	0	0
1726	1	0	0	0
1732	1	0	0	0
1755	1	0	0	0

■ High Usage
■ Medium Usage
■ Low Usage
■ No Usage

Overview – By Publication Year

High, Medium, Low, No Usage

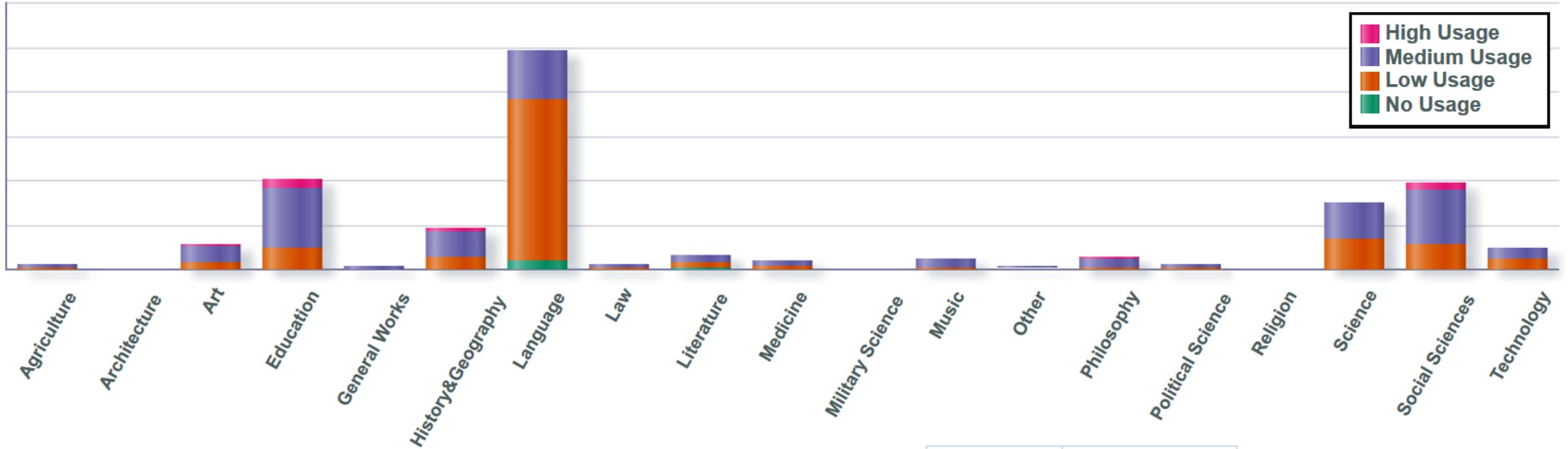


Publication Year: 1970-1980
No Usage: 3,351

- High Usage
- Medium Usage
- Low Usage
- No Usage

Overview – Possible Duplicates

High, Medium, Low, No Usa...



Possible Duplicates Multi Vol
636

Possible Duplicates Single Vol
9,030

MMS Id	Possible Duplicates
Grand Total	32,559

Permanent Call Number	MMS ID	Title	Author	Lang.	Barcode	Subject	Publisher	Location	Library	Lifecycle	Publication Year	Last Loan Date	Accession Year	Possible Multi Vol	Total Alma Usage	Historic Charge	Historic Browse
572.995 E44	9910000314002091	The story of the Maori /	Graham, Pita, 1946-	eng	35556500567920	Science	distributors Beckett Sterling; Bush Press	Matauranga Maori Level G	GENERAL LIBRARY	Active	1986		2014	NO	0 21	0	
	9910000314002091				35556504322108	Science	distributors Beckett Sterling; Bush Press	Matauranga Maori Level G	GENERAL LIBRARY	Active	1986		2014	NO	0 33	7	

Overview – Sample Weeding

Library Name

 Bib Material Type

 Location

 Call Number Starts

 Call Number Ends

 Call Number Contains

 Call Number Between -

 Accession Year Between -

 Publication Year Between -

 Alma Loans Between -

MMS Id
99148653714002091

Permanent Call Number	MMS ID	Title	Author	Lang.	Barcode	Publisher	Location	Library	Lifecycle	Publication Year	Last Loan Date	Accession Year	Total Alma Usage	Historic Charge	Historic Browse
784.94 G42 2005	99148653714002091	Solfege, ear training, rhythm, dictation, and music theory : a comprehensive course /	Ghezzo, Marta Árkossy.	eng	35556513531483	University of Alabama Press	Main Collection	MUSIC LIBRARY	Active	2005	11/05/2018 11:48:43 a.m.	2014	5		
COMPACT DISC MCD06-007	99159291014002091	A love supreme	Coltrane, John, 1926-1967,	eng	35556512738576	MCA Impulse	Short Loan	MUSIC LIBRARY	Active	1995		2014	0		3

Overview – Preservation

Library Name **EPSOM LIBRARY** ▼

Bib Material Type **Book** ▼

Location **--Select Value--** ▼

Call Number Starts

Call Number Ends

Call Number Contains

Call Number Between -

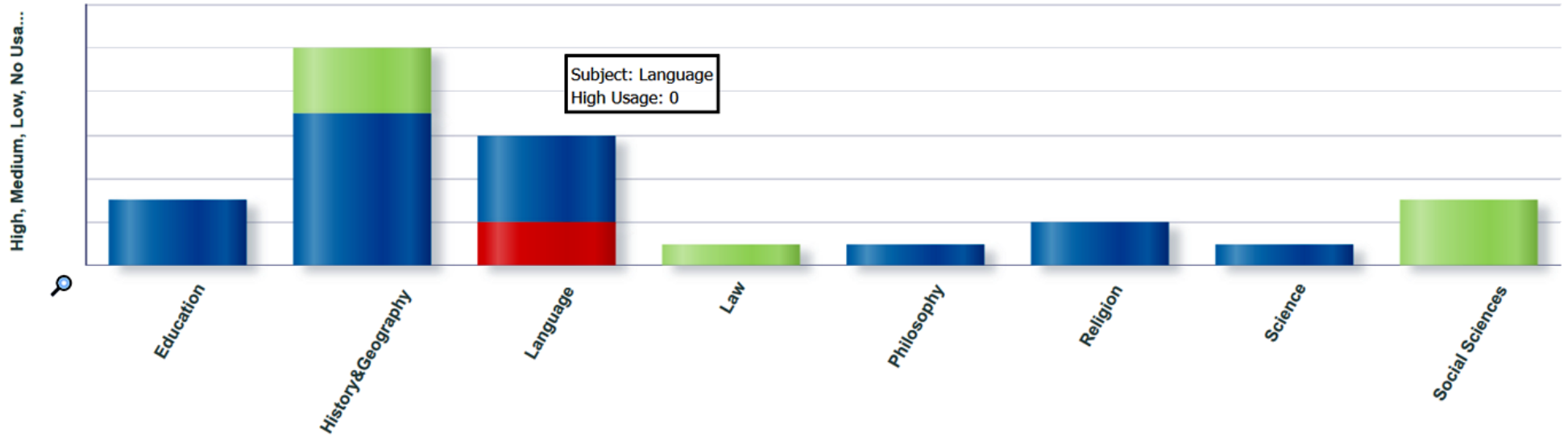
Accession Year Between -

Publication Year Between **1000** - **1900**

Alma Loans Between -

Historical Loan Between -

Apply **Reset** ▼



Average Total Usage
10

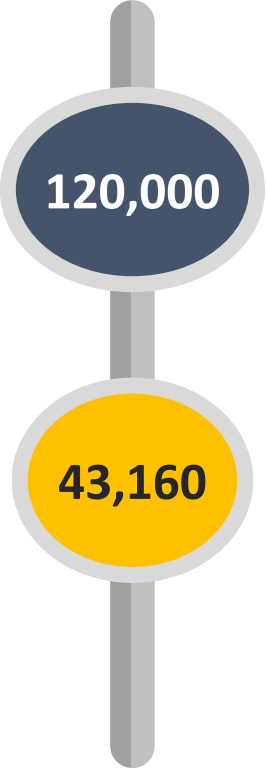
Average Alma Usage
0

Subject	No Usage	Low Usage	Medium Usage	High Usage
Education	0	3	0	0
History&Geography	0	7	3	0
Language	2	4	0	0
Law	0	0	1	0
Philosophy	0	1	0	0
Religion	0	2	0	0

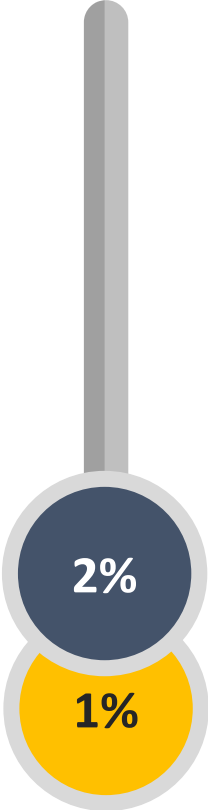
High Usage
 Medium Usage
 Low Usage
 No Usage

Collection Measure – Quick Stats

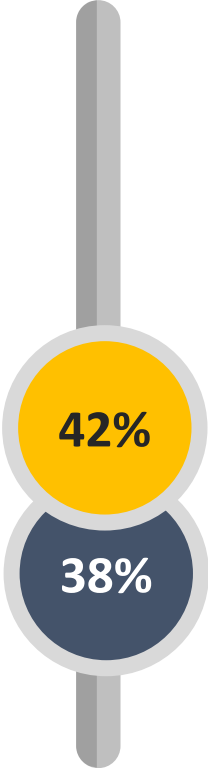
- FINE ARTS LIBRARY
- EDUCATION LIBRARY



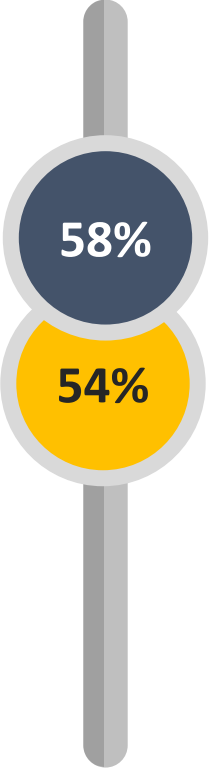
MONOGRAPHS
COUNT



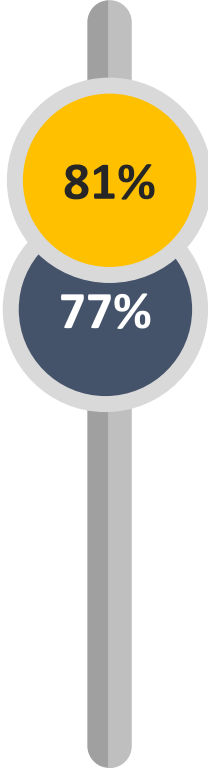
ZERO
USES



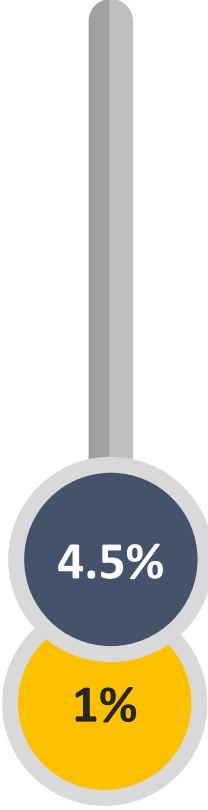
LOW
USES



MEDIUM
USES

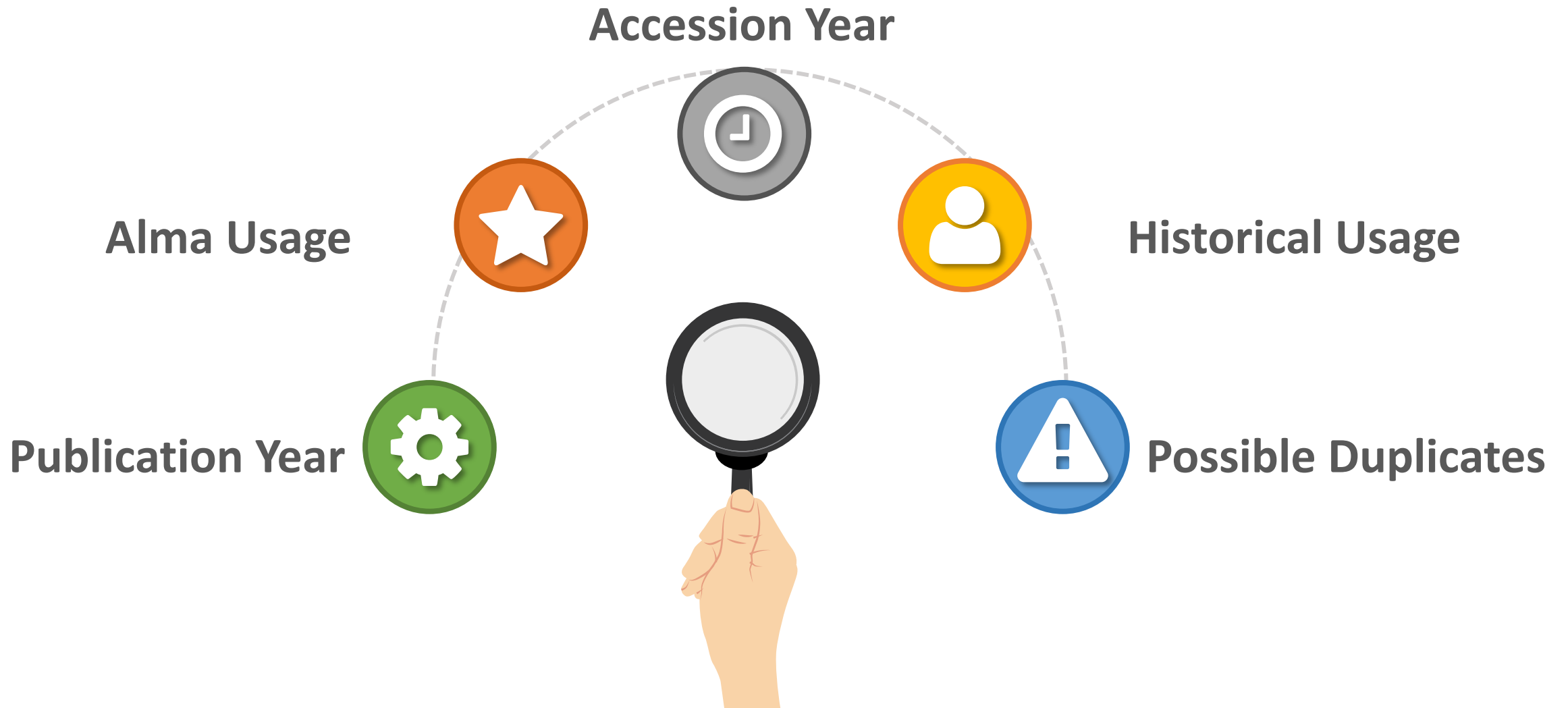


OVER 10
YEARS OLD



POSSIBLE
DUPLICATES

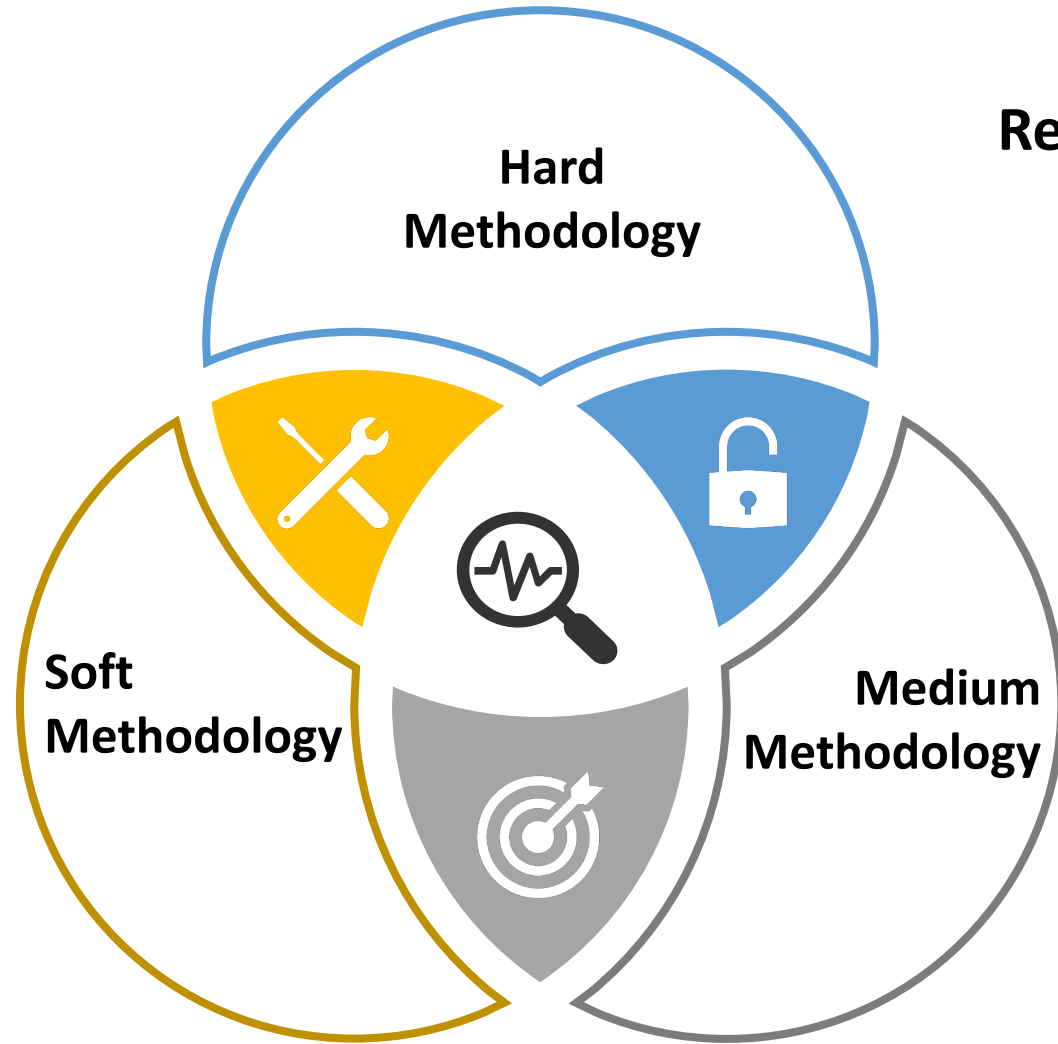
Weeding Methodology Parameters



Weeding Methodology Types



Intervention



Relegate



Retain



Overview Scenarios

Library Name ▼

Bib Material Type ▼

Location ▼

Call Number Starts

Call Number Ends

Call Number Contains

Call Number Between -

▼

Total Soft Retain
120,058

Soft Relegate
25,556

Total
145,615

Permanent Call Number	MMS Id	Title	Author	Lang.	Barcode	Subject	Publisher	Location	Lifecycle	Library	Publication Year	Last Loan Date	Accession Year	Possible Multi Vol	Total Alma Usage	Historic Charge	Historic Browse	Total Usage
001 NEW	99116990514002091	The end of knowing : a new developmental way of learning /	Newman, Fred.	eng	36870001959620	General Works	Routledge	Main Collection	Active	EPSOM LIBRARY	1997	6/09/2016 7:58:08 p.m.	2,014	NO	2	15	12	29





 Rows 1 - 1
[Refresh](#) - [Export](#)

Possible Improvements



Future

“Data is a precious thing and will last longer than the systems themselves.”

Sir Timothy John Berners-Lee inventor of the World Wide Web



MacBook



MacBook



Contact email: a.petrovic@auckland.ac.nz