



# Building a Collaborative and Shared Library Repository in Hong Kong

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The University of Hong Kong



# The University of Hong Kong - HKU





# About HKU



- Evolved from the Hong Kong College of Medicine, founded in 1887
- Founded 1911, HK's first
- Multidisciplinary/comprehensive - undergraduate & postgraduate
- 26,000 students (Government & self funded)
- 111,000 students (Continuing education school)



# The Library was established in 1912



# Main Library & 6 Branch Libraries

- **Main Library** (est. 1912) comprises a rich collection of materials in the arts, humanities, architecture, social sciences, science and technology; holds two rare book collections and a unique collection of Hong Kong materials
- **Fung Ping Shan Library** (est. 1932) houses a 1 million volume collection in oriental languages, mainly Chinese.
- **Yu Chun Keung Medical Library** (est. 1965 and formerly the Lee Hysan Medical Library) houses a collections for clinical medicine, biomedical sciences, public health, nursing, and Chinese medicine.
- **Lui Che Woo Law Library** (est. 1969) has strong collections of legal materials from Hong Kong, the UK, and major Commonwealth jurisdictions.
- **Education Library** (est. 1978) provides materials in support of teaching including school textbooks, teacher manuals, teaching aids, Hong Kong examination papers, and audio-visual materials.
- **Dental Library** (est. 1981) supports the fields of dentistry, biomedicine and speech and hearing sciences.
- **Music Library** (est. 1981) has a collection of books, scores, journals and AV items



# Additionally

- Off-campus medium density storage, and Preservation & Conservation Division
- Off-campus Technical Services Division



# HKU Print Collections

<b>Total Volumes</b>	<b>2,960,414</b>
<b>Current Print Journals</b>	<b>9,071</b>
<b>Cancelled Print Journals</b>	<b>42,044</b>

# HKU Digital Collections

<b>E-books</b>	<b>3,502,923</b>
<b>E-journals</b>	<b>42,176</b>
<b>E-databases</b>	<b>691</b>

(2013) The University of Hong Kong, *Quick Stats*,  
<http://www.cpaohku.hk/qstats/>



# Trends in Academic Libraries





# Collection Trends

- Digital domination
- Mass digitization
- “Just in time vs just in case”
- Patron driven acquisition (PDA)
- Licensed not owned
- Consortial purchasing especially e-resources
- Open access



# Library Space Trends

- Reduction of on-site print collections
- Remote & collaborative collection storage
- Off-site back room processes such as acquisitions, cataloguing etc
- Re-engineering physical space for
  - Integrated use of print and digital resources
  - Collaborative learning based on curriculum needs
  - Cultural events, special events, exhibitions etc
- Varied, flexible spaces needed that support curriculum demands



# Library Service Trends

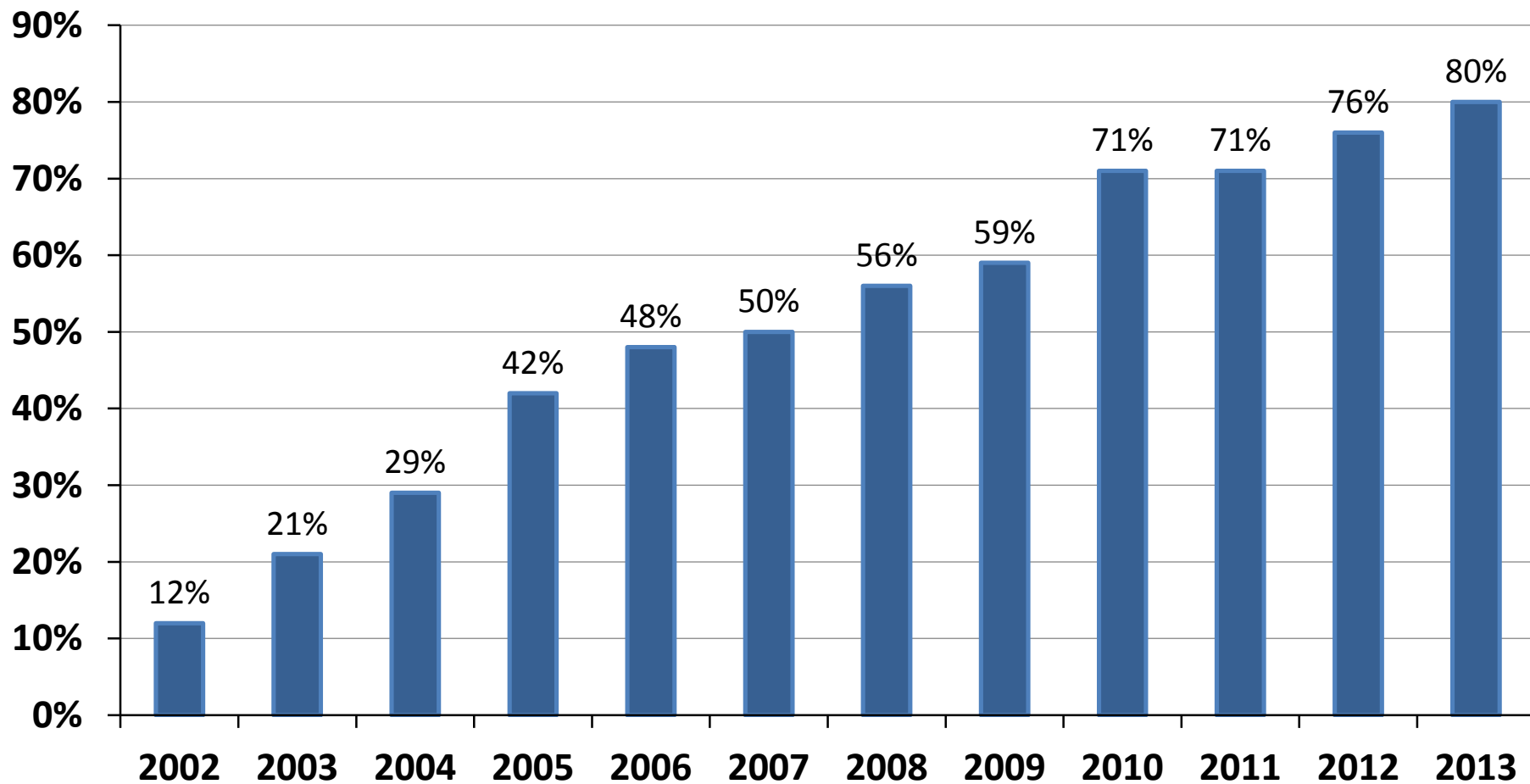
- Visible and proactive – outside library walls
- Technology assisted
- Self directed learning and service provision
- e-learning



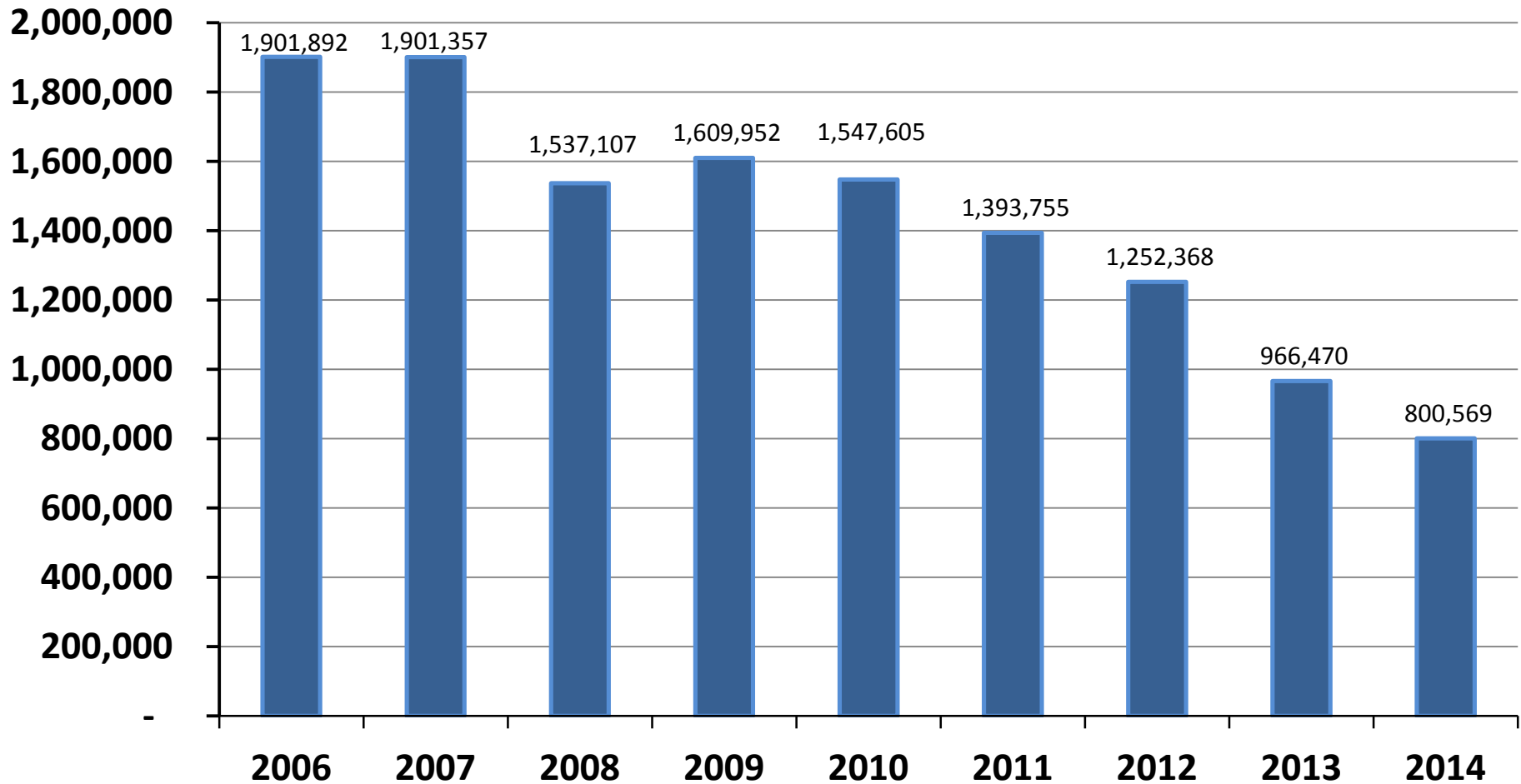
# The HKU Situation



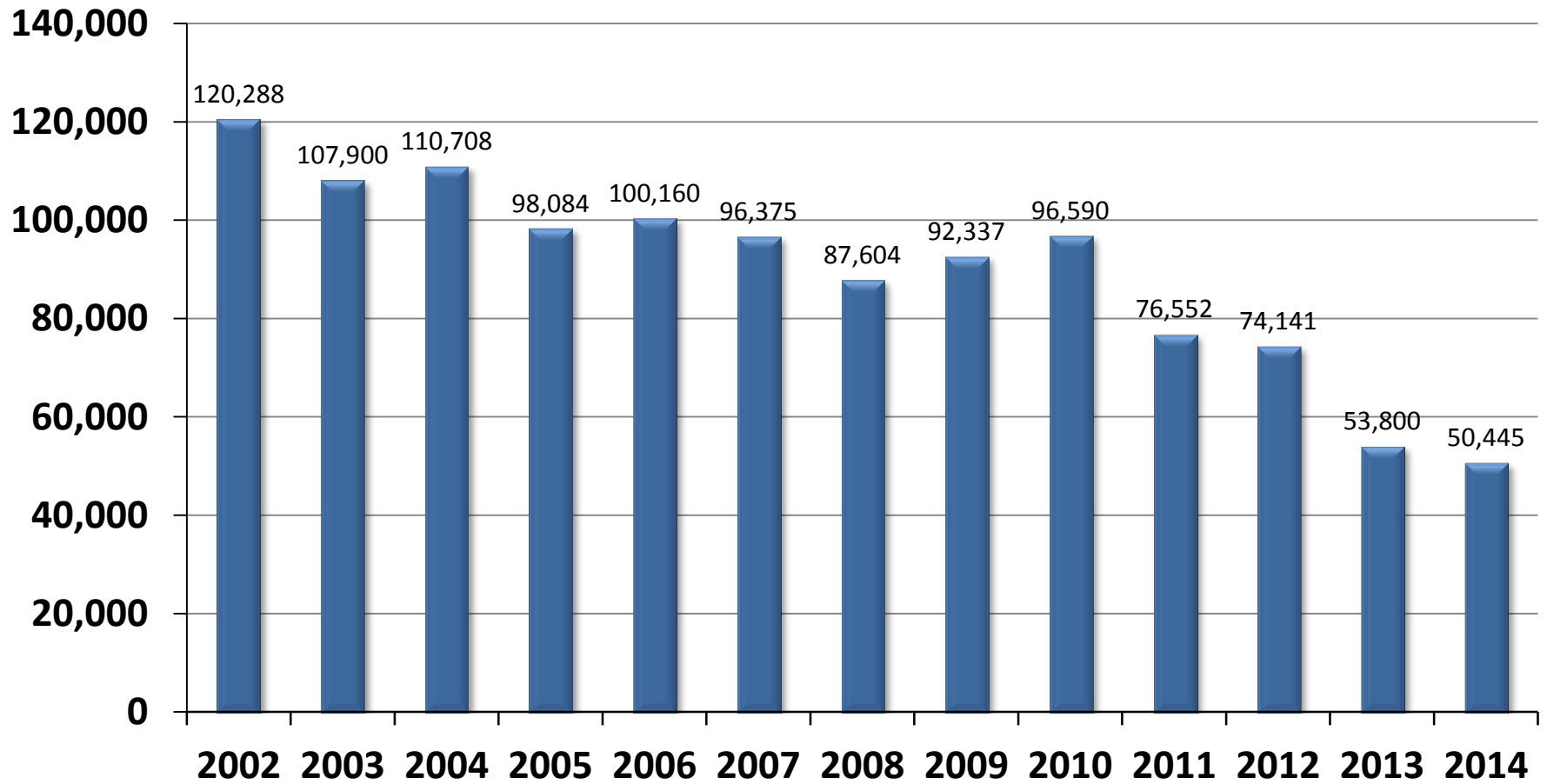
# Budget Shift towards Electronic : HKU

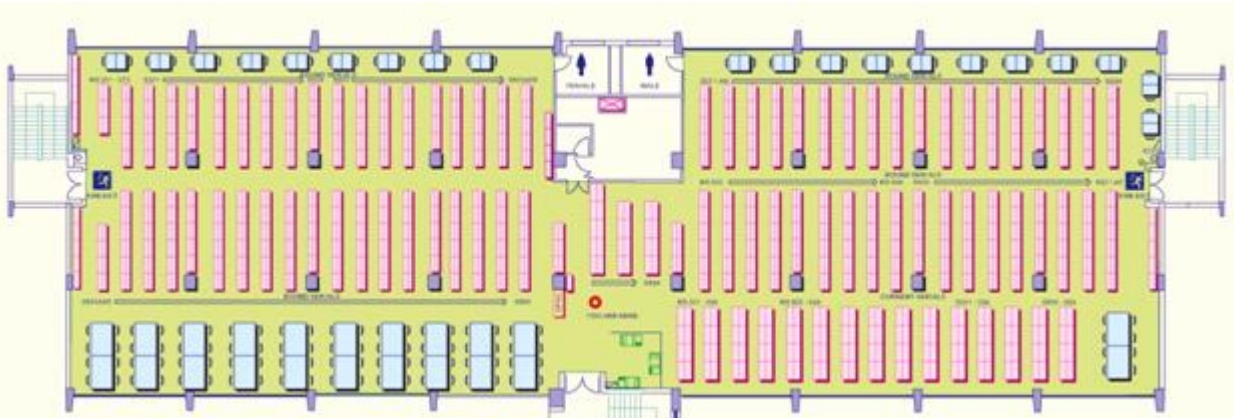


# Use of Print Materials : HKU



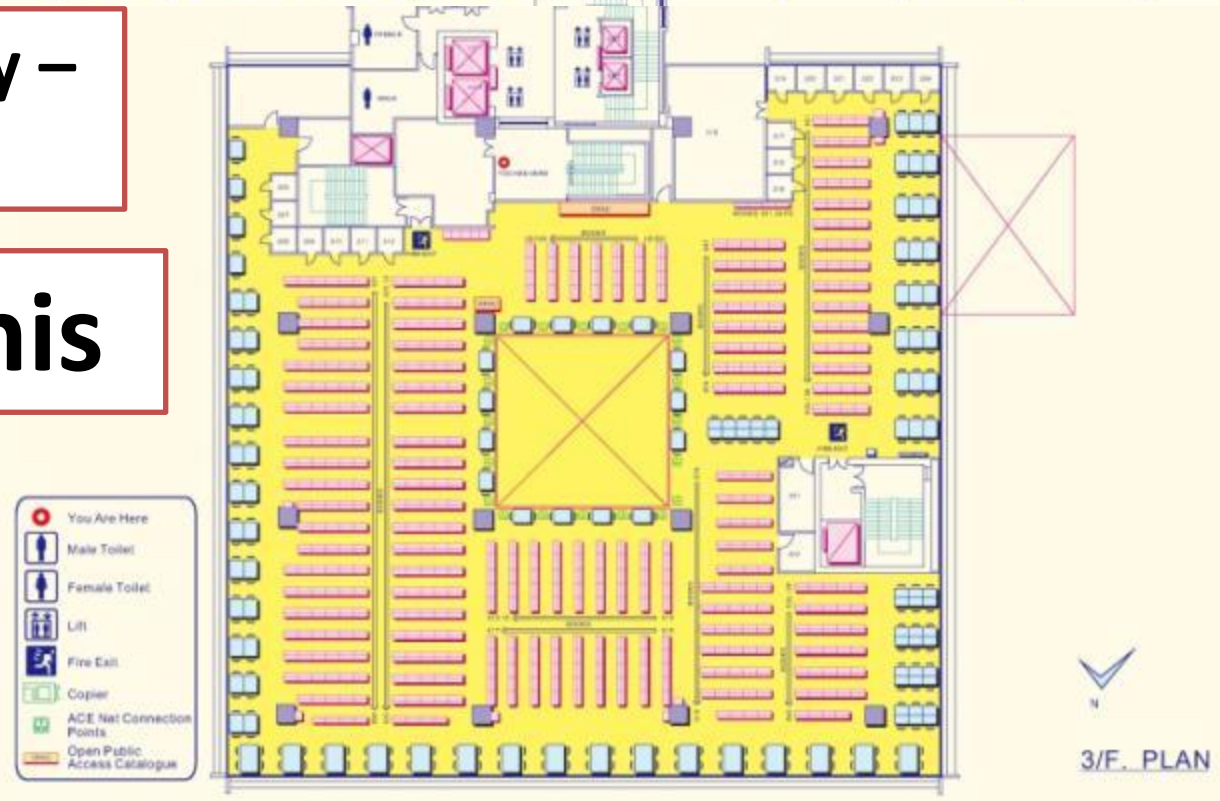
# Volumes Added : HKU





**Main Library –  
Level 3**

**From this**



- You Are Here
- Male Toilet
- Female Toilet
- Lift
- Fire Exit
- Copier
- ACE Hat Connection Points
- Open Public Access Catalogue

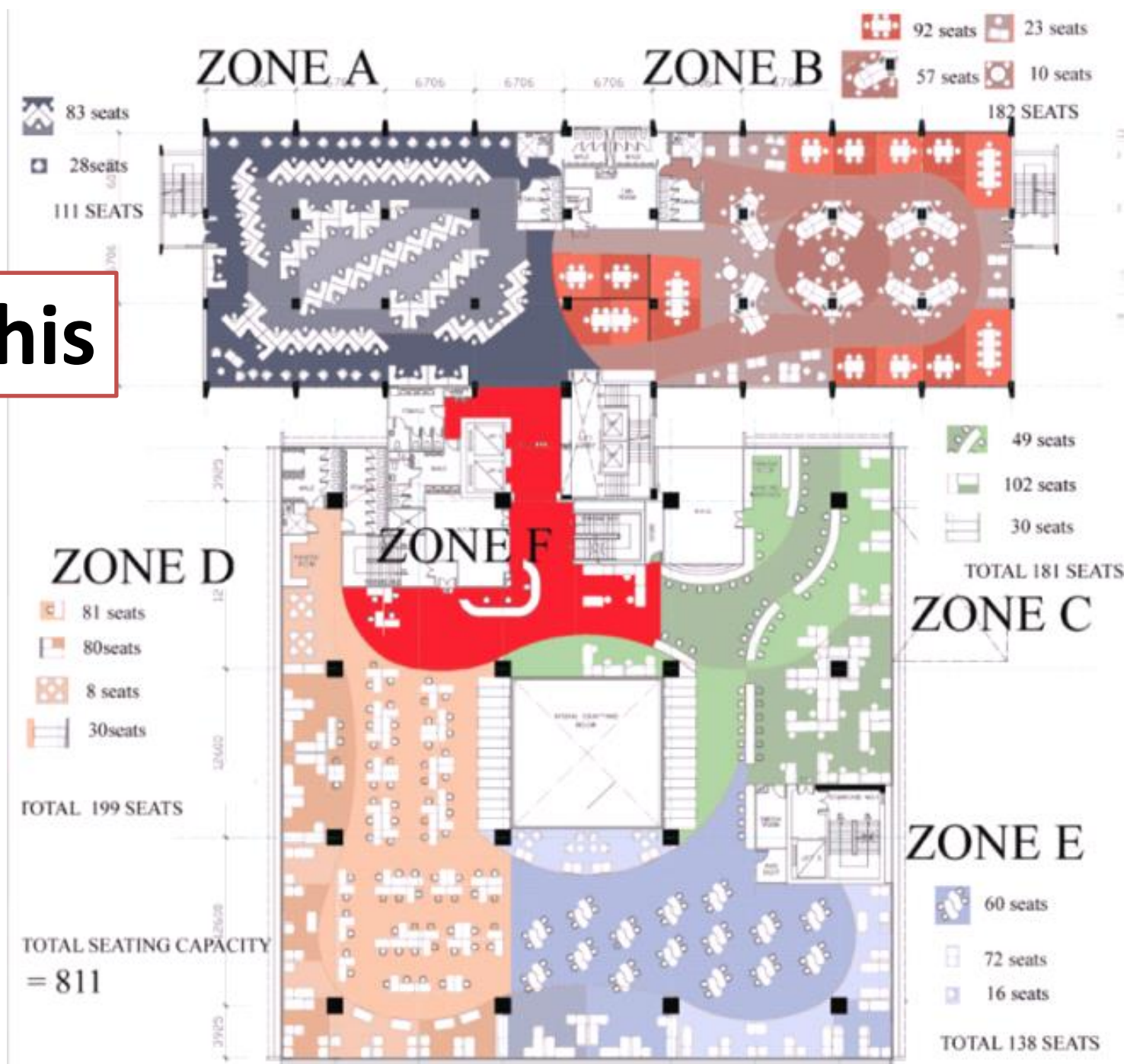


3/F. PLAN





To this



# Hong Kong Higher Education and its Libraries

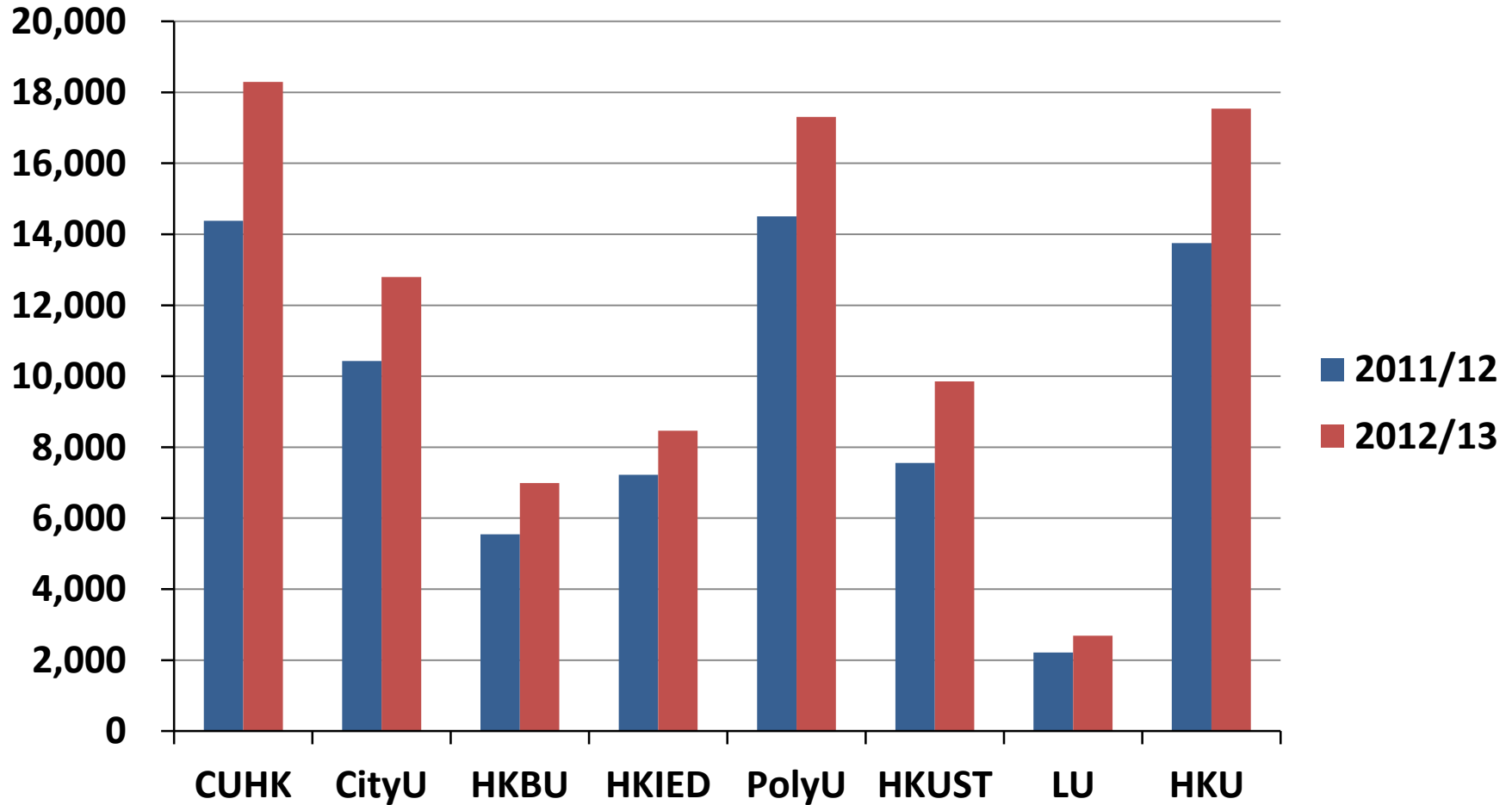




- 8 government funded institutes of higher learning (UGC)
- 3 ranked in the top 50 in the world – HKU (28); HKUST (40); CUHK (46) - (QS Rankings, 2014)
- 69,000 UGC funded students (2011/12) – 14% non-local
- Four year curriculum commenced September 2012  
double cohort 3 year and 4 year programs in parallel
- Total students now 86,000
- Desire for “deep collaboration” among the eight



# UGC Funded Student Headcount 2011-2013







JULAC





## Welcome to JULAC

The Joint University Librarians Advisory Committee (JULAC) is a committee of the Joint University Librarians Advisory Committee of Universities Committee (HUCOM). It is a committee of information resources and services among the member universities funded by the University Grants Committee of the Hong Kong SAR Government.

## Member Libraries



The Chinese University of Hong Kong



Hong Kong Baptist University

- JULAC Directors
- Access Services
- Bibliographic Services
- Conservation & Preservation
- Committee on Media
- Consortial
- Copyright Committee
- Joint Universities Research Archive
- Learning Strategies
- Staff Development
- Statistics Committee

in 1967 by the Heads of member institutions collaborate on library education institutions [index.htm](#) (UGC) of the

Kong

of Education

### Latest News

- Conference on Cooperative Development and Sharing of Chinese Resources (October 2014)
- PRDLA 2014 Annual Meeting (December 2014)
- HKUST Library Newsletter (April 2014)

### Events

- Past event - AL3 conference
  - Past event - ACRL @ Hong Kong
  - Past Event - JULAC Libraries Forum 2013



- Established in 1967 by the Heads of Universities Committee (HUCOM).
- A forum to discuss, coordinate, and collaborate on library information resources and services.
- Members comprise the 8 higher ed. institutions funded by the UGC.
- Ten sub-committees.
- Several affiliate members.







- Small in terms of member libraries
- Diversity in institutional profiles and priorities
- Commitment and willingness
- Unitary governance (UGC through HUCOM)
- Skills, specialisations, diverse educational backgrounds
- Geography
- JULAC Manager

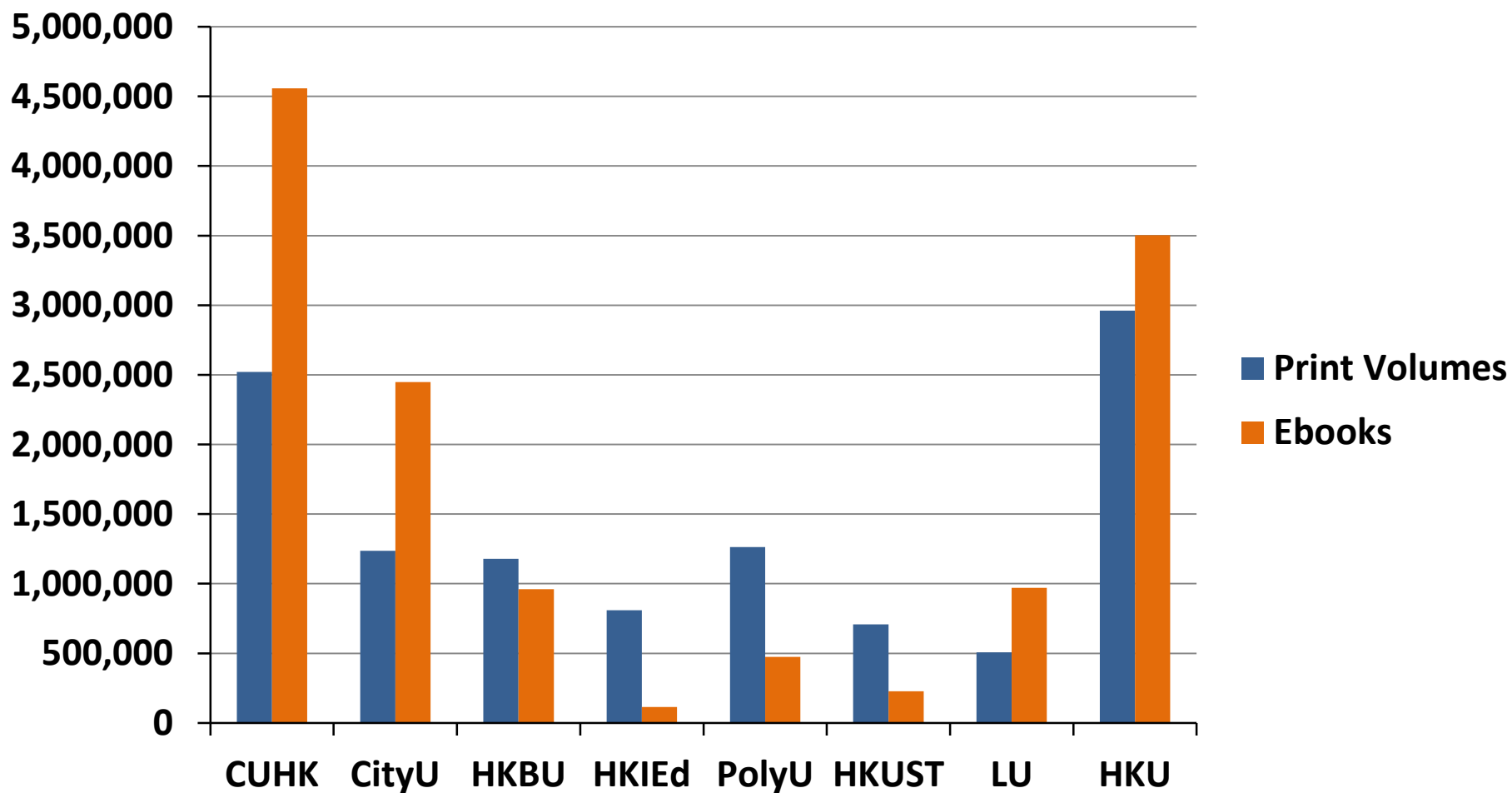




- Striving towards Collaboration
- Recent collaborative efforts
  - Purchasing, e and print
  - Cataloguing
  - Statistics
  - Reference
  - Reciprocal (walk in) borrowing
  - LibQual
  - **HKALL – deep collaboration**
  - **JURA**
  - And others



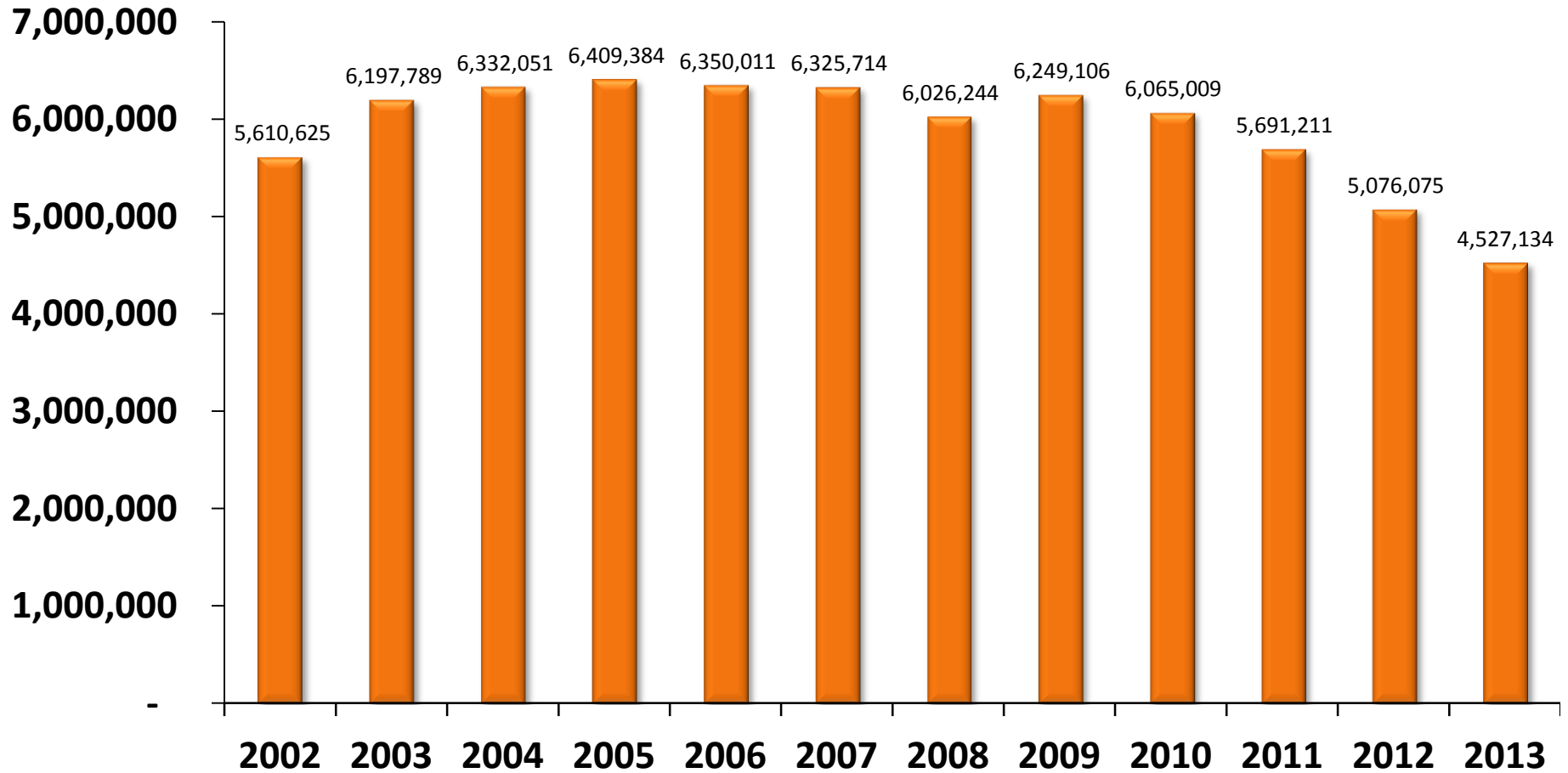
# Total Volumes 2012/13 : JULAC



JULAC



# Total Circulation Transactions : JULAC

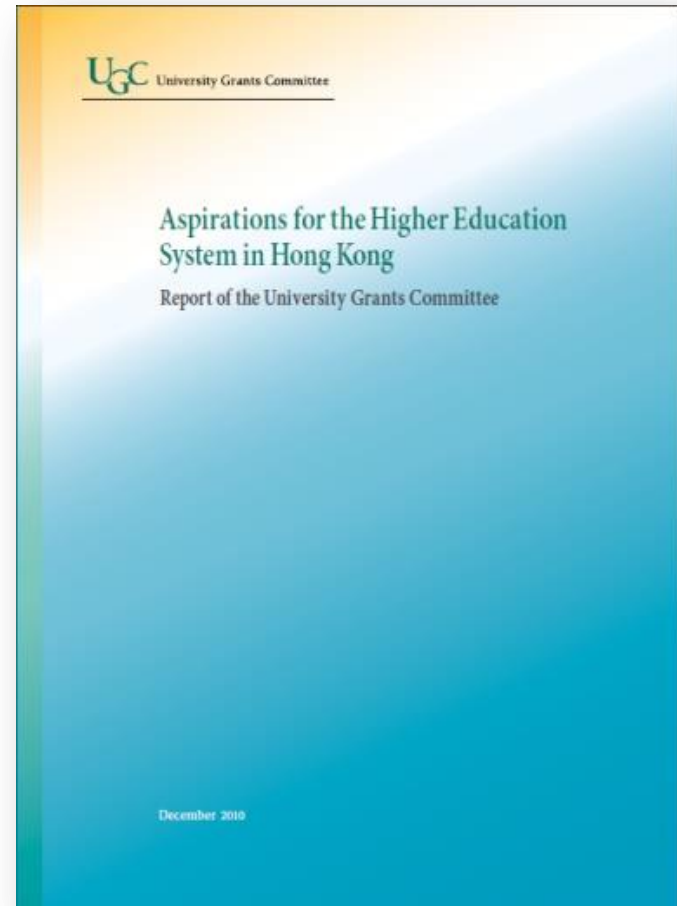


**JULAC**



# UGC Report December 2010

“We are thus, in general, disappointed at the level of collaboration ... There are, however, areas of success: ... **the collaboration by libraries on a new joint storage facility and sharing of books.**”





- Hong Kong Academic Library Link
- User initiated, unmediated Inter Library Lending among the 8 JULAC libraries
- Books delivered to your home library
- Union catalogue of all monograph holdings of the 8 libraries
- First of its kind in Asia
- First in the World to include a large number of Chinese vernacular items
- A virtual distributed shared storage!!



Start Over

Export

MARC display

Return to  
Browse

Return to  
Home

(Search History)

TITLE

art of optical illusions

Search

Record: [Prev](#) [Next](#)

Author [Seckel, Al.](#)  
 Title **The art of optical illusions / Al Seckel.**  
 Publisher [England] : Carlton Books, c2000.

### HOLDINGS FOR CENTRAL DATABASE

[Request this title](#)

[CUHK Libraries](#)

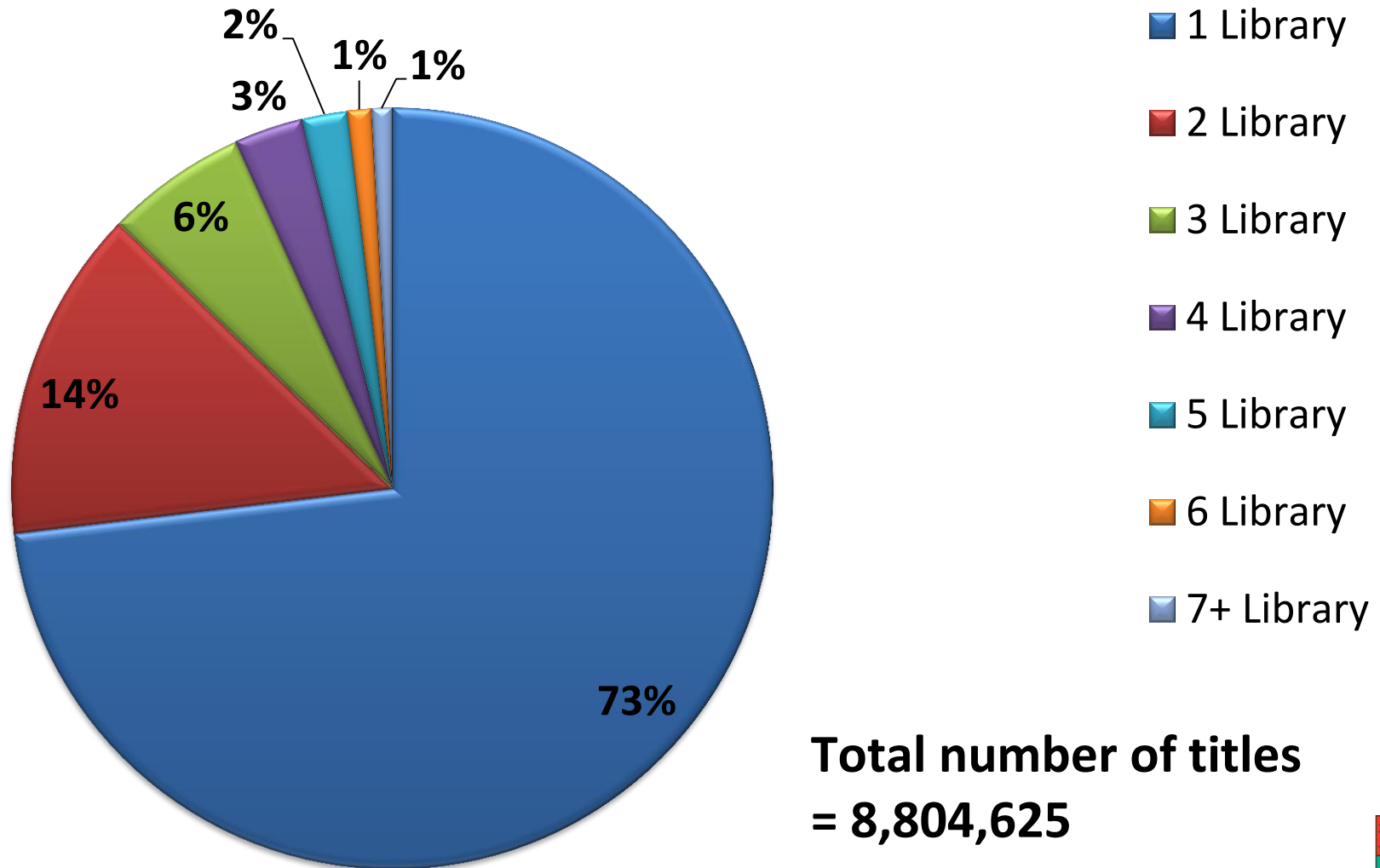
[PolyU Library](#)

Library	Shelving Location	Call# and Holdings Detail	Status
CUHK Libraries	NA	N7430.5 .S43 2000	AVAILABLE
PolyU Library	Circulation Coll	QP495 .S43 2000	AVAILABLE
PolyU Library	Circulation Coll	152.148 SEC c.2	AVAILABLE
PolyU Library	Circulation Coll	QP495 .S43 2000 c.3	DUE 24-10-05

Copies available at both CU and PolyU

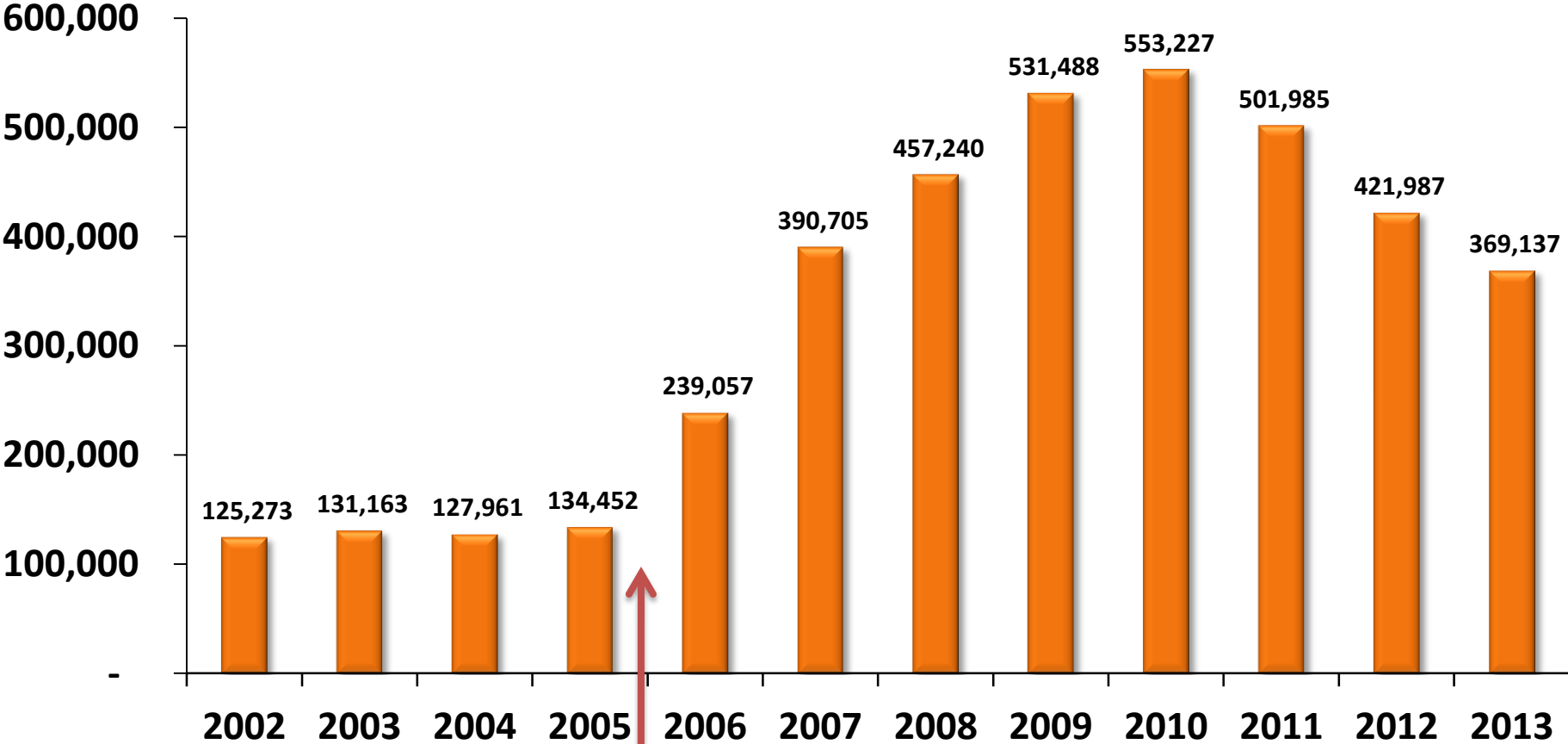


# Monograph Overlap





# Interlending : JULAC



HKALL Introduced



# Joint Universities Research Archive (JURA)

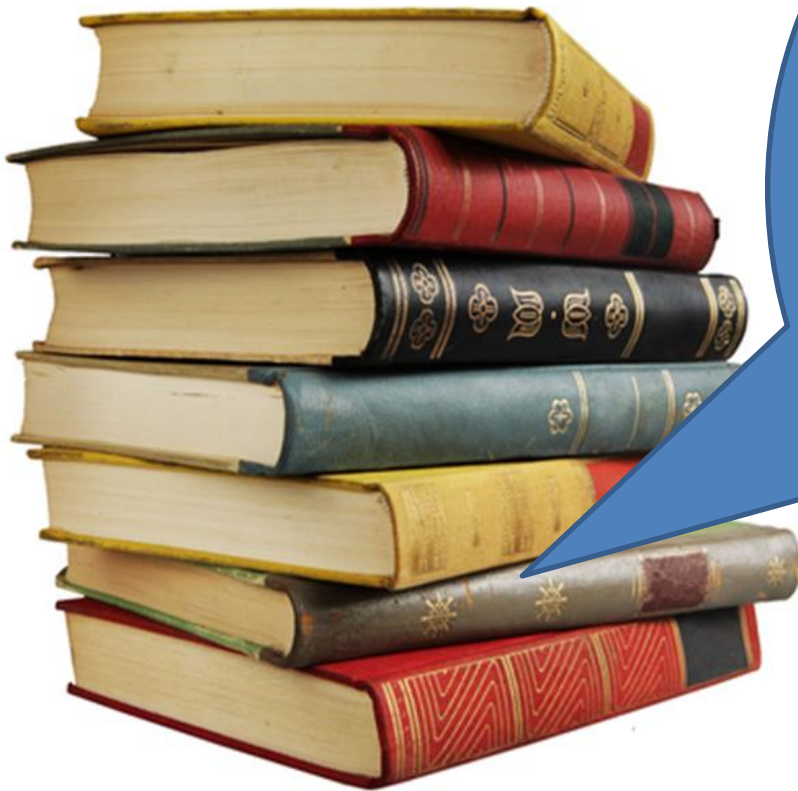
... to provide Hong Kong's JULAC libraries with an **efficient, sustainable and secure climate-controlled storage and retrieval facility** for research materials that promotes shared access to scholarly information and facilitates the effective use of space within existing library buildings.



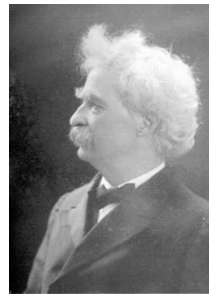
# Why JURA?

- Crowded library shelves
- Extra students – 4 year curriculum
- Changing demands on library spaces
  - Flexible
  - Varied
  - Meeting evolving curricula
  - Integrating print/digital
- Growth in print – decreased but still significant

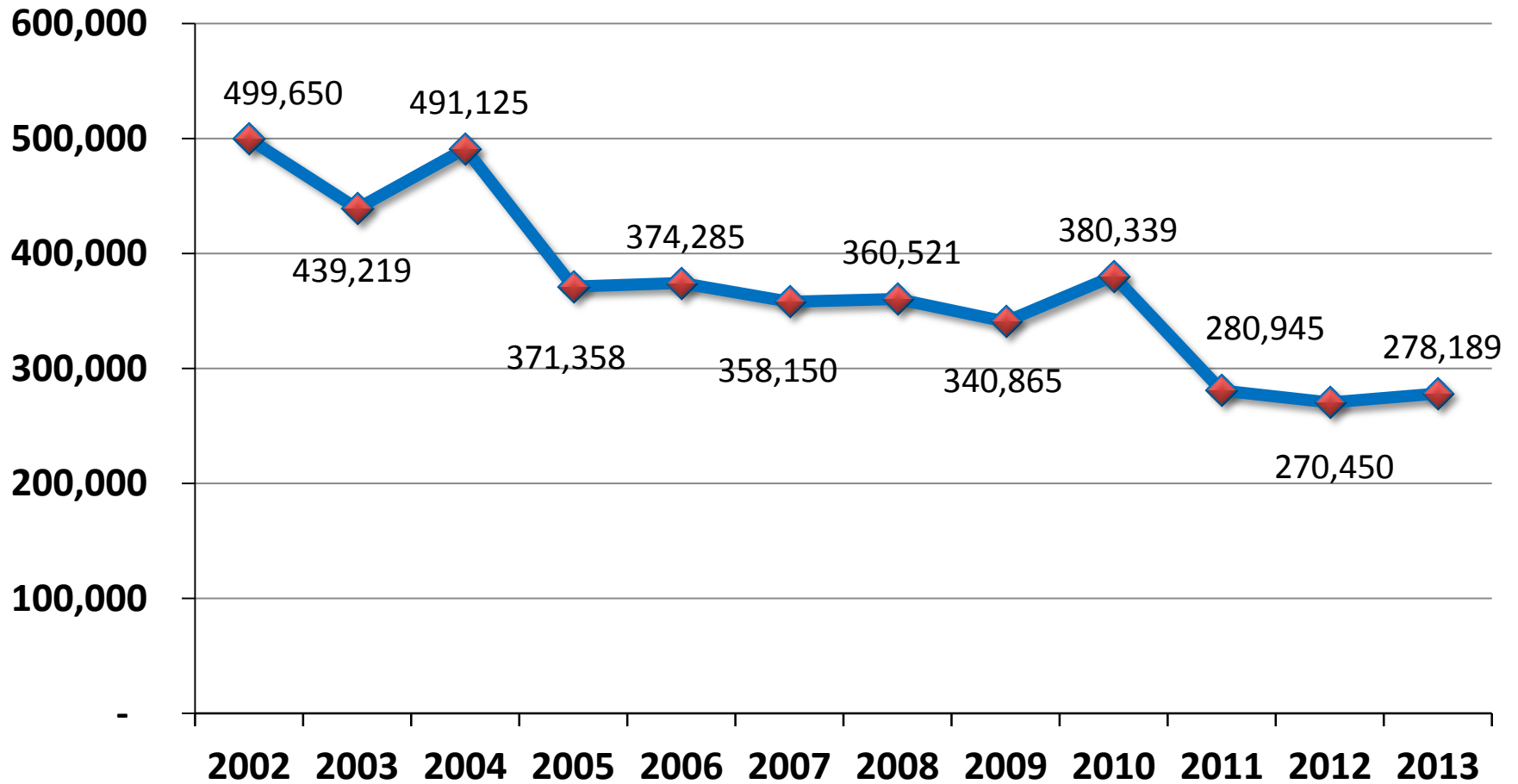




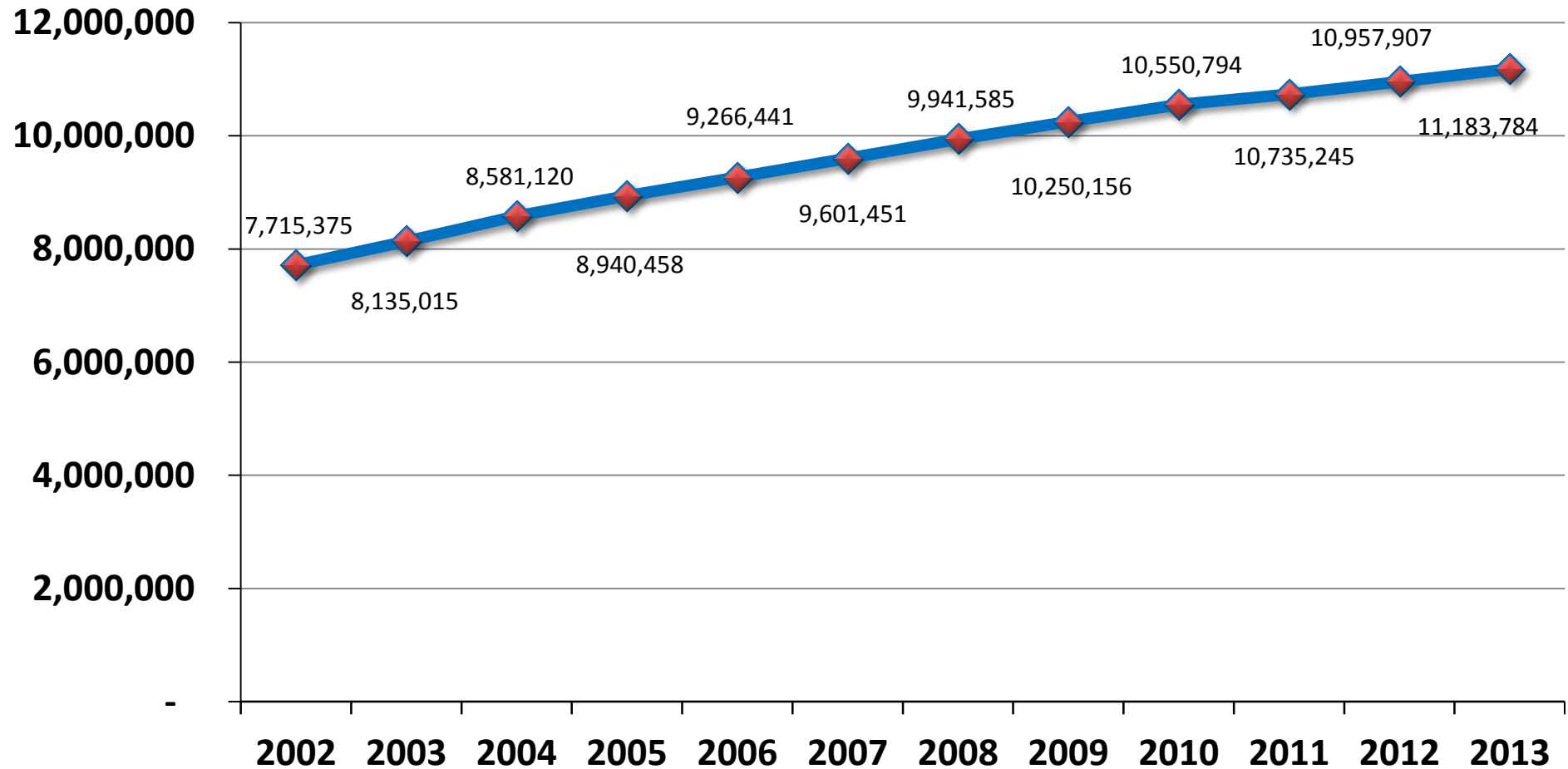
The report of  
my death  
is a (slight)  
exaggeration



# Volumes Added : JULAC



# Total Volumes : JULAC



# JURA: The Model

- HKU led and managed project
- Joint ownership
- Shared costs: equitable distribution
- Single copy
- Closed access
- 5.27 million capacity => 8.43 m after expansion (if needed)
- 59,000 metal bins stored on 3 floors (each 13.85m high)
- Automated Storage and Retrieval System (ASRS)



# Models examined

- Traditional shelving (Box shelving)
- Traditional shelving (Spine out shelving)
- Compact shelving
- Harvard / Stanford method in multi-story building
- Harvard / Stanford method in single story building
- Automatic storage and retrieval system in multi-story building
- Automatic storage and retrieval system in single story building



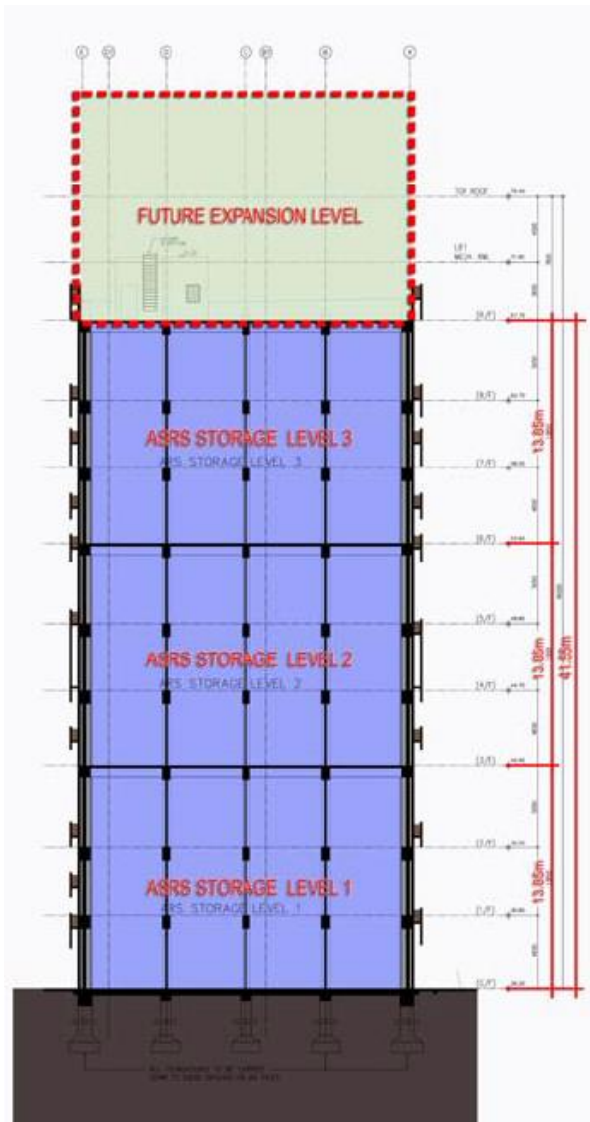


# Why ASRS?

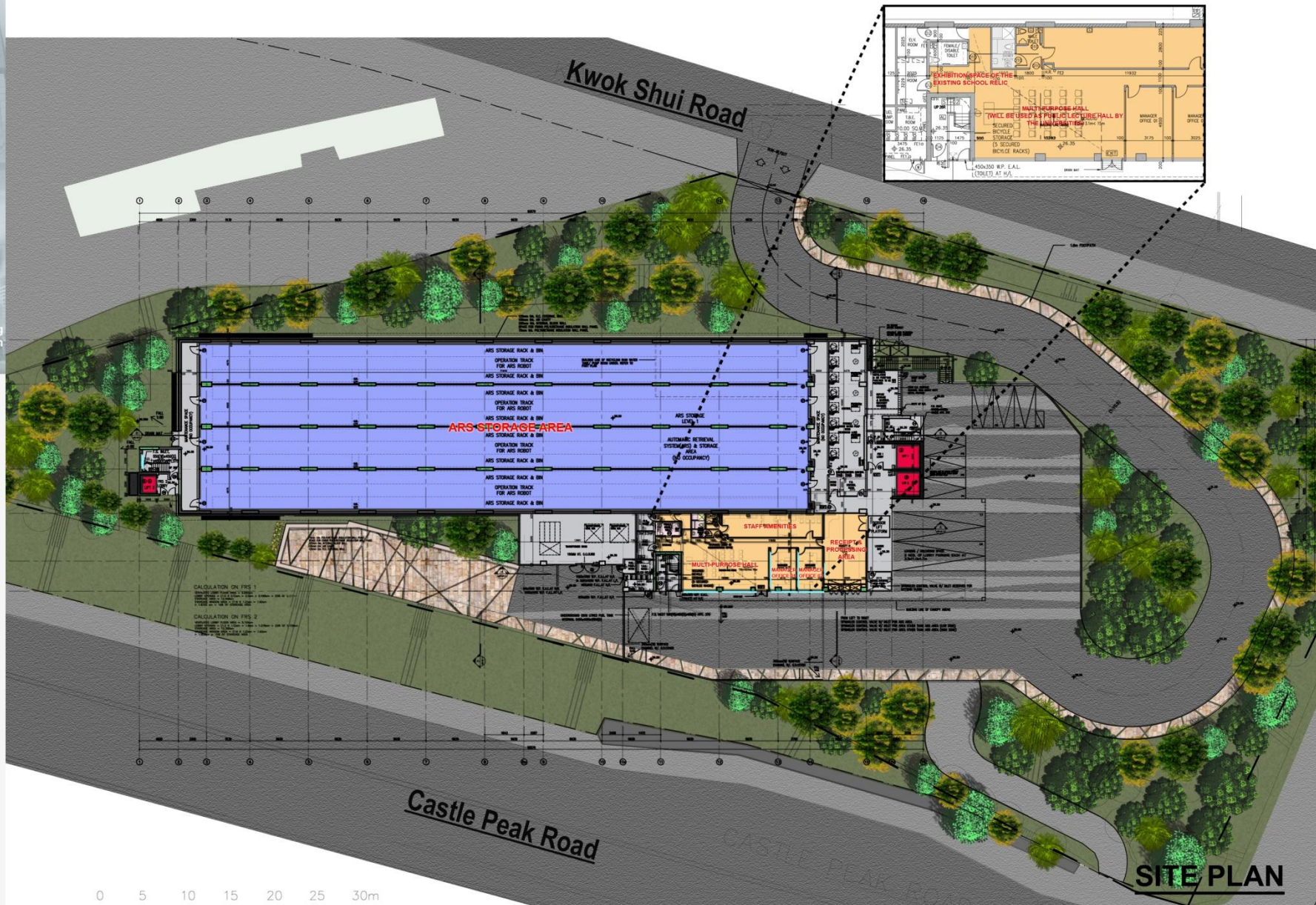
- Highest setup cost
- Lowest operating cost
- Automatic tracking of items
- Speed – encourages use
- Ease of item management
- Low human effort
- Minimal margins of error



# A 12 Storey Building



- 4 stories high ultimately but initially only 3
- 1 JURA storey = 3 regular floors
- So ultimately like a 12 storey building



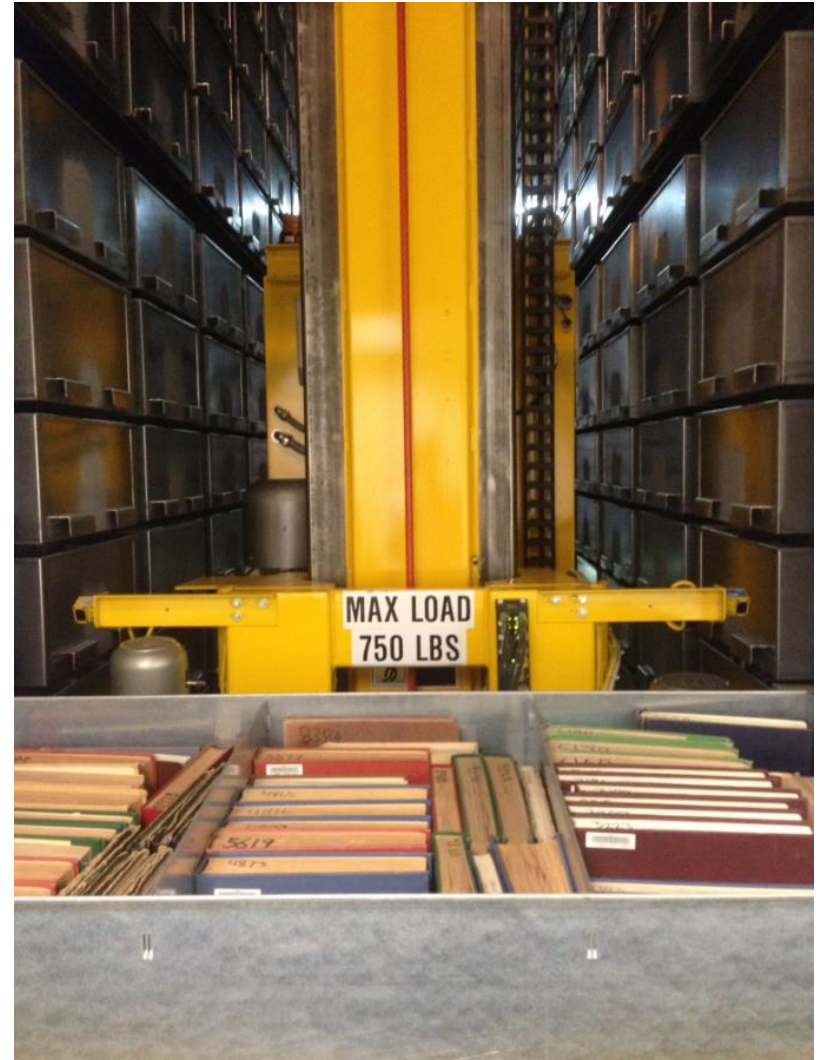
NT0918

Name	Sign	Date

# First in Asia



# From Cal State U: Long Beach







PERSPECTIVE  
透視圖

NT0918

Name	Sign	Date



PERSPECTIVE  
透視圖

NT0918

Name	Sign	Date





PERSPECTIVE  
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Name	Sign	Date



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PERSPECTIVE  
透視圖

NT0918

Name	Sign	Date

# JURA Location



J  
U  
R  
A



# The Current Status

- Three requirements by UGC:
  - Detailed design
  - Incorporation
  - Land allocated
- Final hurdle:
  - Capital Works Resource Allocation Exercise (CWRAE) upgrade status to B+
  - Legco approval



# Interim measure: Distributed Journals

- JULAC libraries work collaboratively on de-duplication for all print resources subscribed by JULAC libraries.
- Developing and streamlining a de-duplication methodology for JULAC libraries print title holdings;





香港特別行政區大學圖書館長聯席會  
Joint University Librarians Advisory Committee

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## **Memorandum of Understanding**

### **JULAC**

#### **DISTRIBUTED PRINT JOURNAL STORAGE PROJECT MEMBER INSTITUTION AGREEMENT**

#### **1. INTRODUCTION**

- 1.1 This understanding is made as of the date of last signature by and among JULAC eight tertiary education institution libraries and the Joint University Librarians Advisory Committee (JULAC).
- 1.2 The Joint University Librarians Advisory Committee was established in 1967 by the Heads of Universities Committee (HUCOM). It is a forum to discuss, coordinate, and collaborate on library information resources and services among the libraries of the eight tertiary education institutions funded by the University Grants Committee (UGC) of the Hong Kong SAR Government.
- 1.3 Among other projects, JULAC has embarked upon a distributed print journal project (the "Project") pursuant to which it will arrange for its members to store and archive.

# Memorandum covers:

- Storage Obligations of Member Institution
- Original Form
- Cost
- Environmental Conditions
- Repairs and Restorations
- Damage or Loss
- Replacement Copies
- Bibliographic Identifiers
- JURA
- Access and Use
- Ownership
- etc





# Assigning responsibility

- Make the assembling of runs as easy and straightforward possible
  - Large runs that could be completed by another library
  - Partial runs, then fill in the gaps
- Keep unique titles
- Spread the wealth/responsibility around as much as possible
  - Choose smaller libraries with complete runs whenever possible
  - Alternate between libraries with largest holdings





# JSTOR in volumes

Library	No. of titles	No. of vol.	No. of vol. to keep	No. of vol. to keep (%)	No. of vol. potentially to be weeded	No. of vol. to potentially be weeded (%)
CUHK	883	29,068	18,310	63	10,758	37
CityU	120	4,616	664	14	3,952	86
HKBU	234	1,192	1,192	100	0	0
HKIEd	178	2,983	0	0	2,983	100
PolyU	195	7,021	1,250	18	*To be confirmed	* To be confirmed
HKUST	221	5,605	1,140	20.34	4,465	79.66
LU	160	4,003	2,860	71.45	1,143	28.55
HKU	<b>821</b>	<b>38,483</b>	<b>22,922</b>	<b>59.56</b>	<b>15,632</b>	<b>40.62</b>
Total	2,812	92,971	48,338	51.99%	44,633*	48.01%*

Thank you.

