



Book Recommendation Dataset

This dataset includes information about books published during a defined time period and cross-references them with user ratings. It can serve as a foundation for developing e-commerce features, recommender systems, and targeted online advertising.

Research Questions:

1. Analyze best-selling books, genres, and publishers across years.
2. Explore user demographics and behavioral patterns (geography, age groups, and rating behavior).
3. Examine rating distributions by user's geographic origin and age group.
4. Compare registered versus active users across continents and age demographics.
5. Identify the most highly rated genres by age and geographic characteristics.

Conclusions:

1. Average book ratings should be interpreted alongside rating volume to ensure reliability of insights.
2. The dataset is dominated by users from the US, particularly ages 45–75.
3. African users show lower rating activity and provide lower rating scores overall.
4. Active engagement of users is limited: only 32% of North American users and 10% of Asian users submit ratings.
5. Suspense & Thriller and Teen Fiction are the most highly rated genres across age groups; Fantasy Fiction and Children's Books score higher in North America, while Art-focused genres lead in other regions.

Overview

Bestsellers

Users

Ratings

Active Users

Genre

Book-Title	AVG Book Rate	Ratings Count
The Secret Life of Bees	8.48	406
The Da Vinci Code	8.44	494
The Lovely Bones: A Novel	8.19	707
The Red Tent (Bestselling Backlist)	8.18	383
Life of Pi	8.08	336
Girl with a Pearl	8.02	333
Total	7.54	4,376

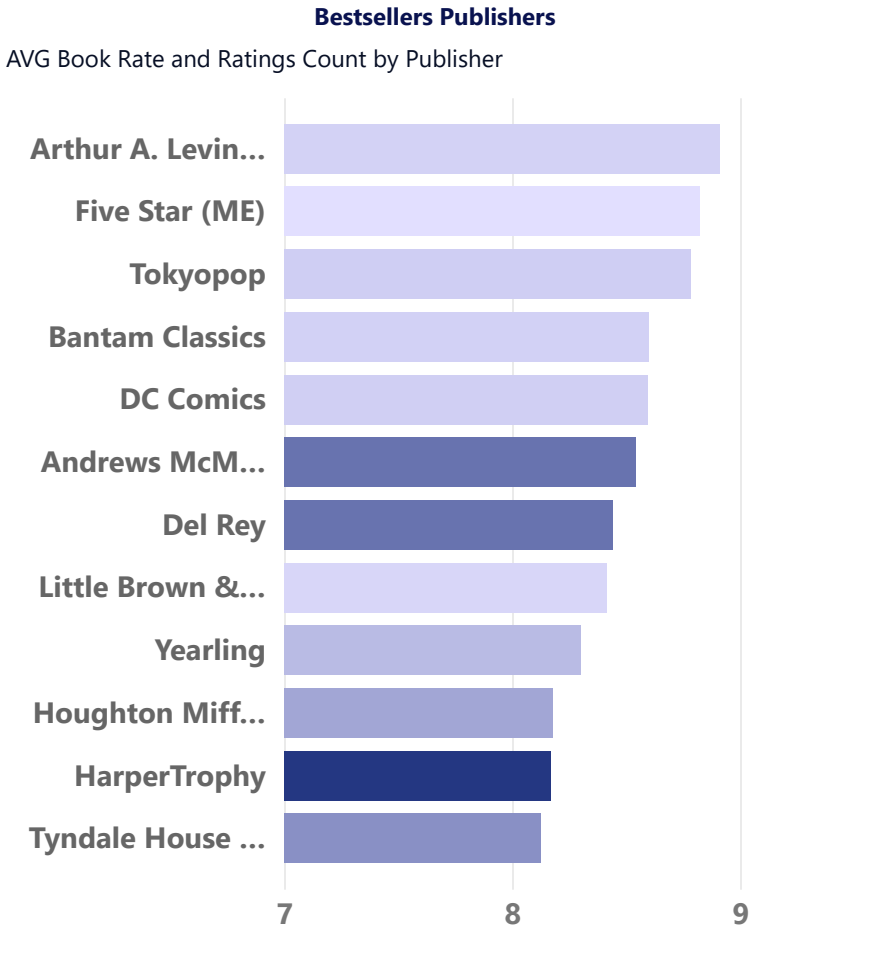
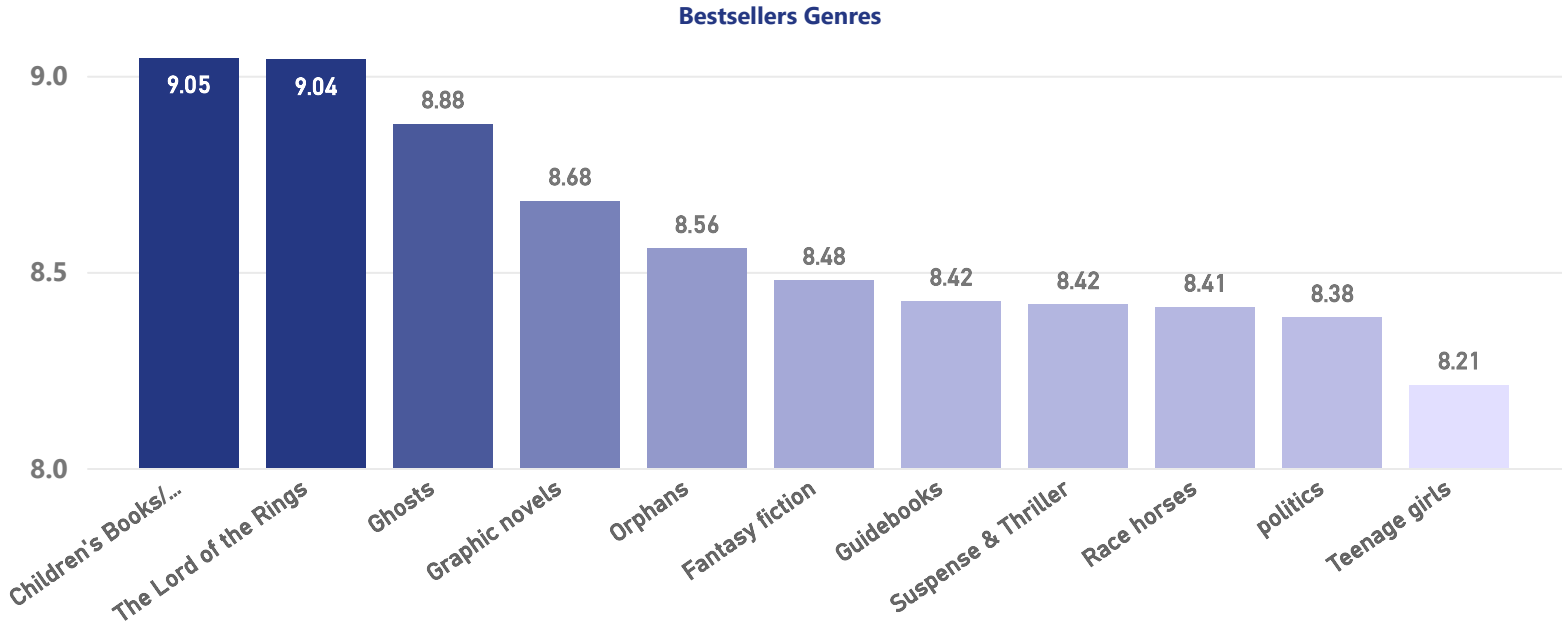
Yearly Bestseller	Year	AVG Book Rate
A Voice in the Wind (Mark of the Lion #1)	1998	7.58
Angels & Demons : A Novel	2008	
Bury Me With Soldiers: One Grunt's Honest Story About Vietnam	2003	7.77
Deep Waters	2010	8.50
Halloween: Romantic Art and Customs Of Yesteryear Postcard Book	2000	7.55
Hamlet (Mercury Classics)	1997	7.59

Ratings Count

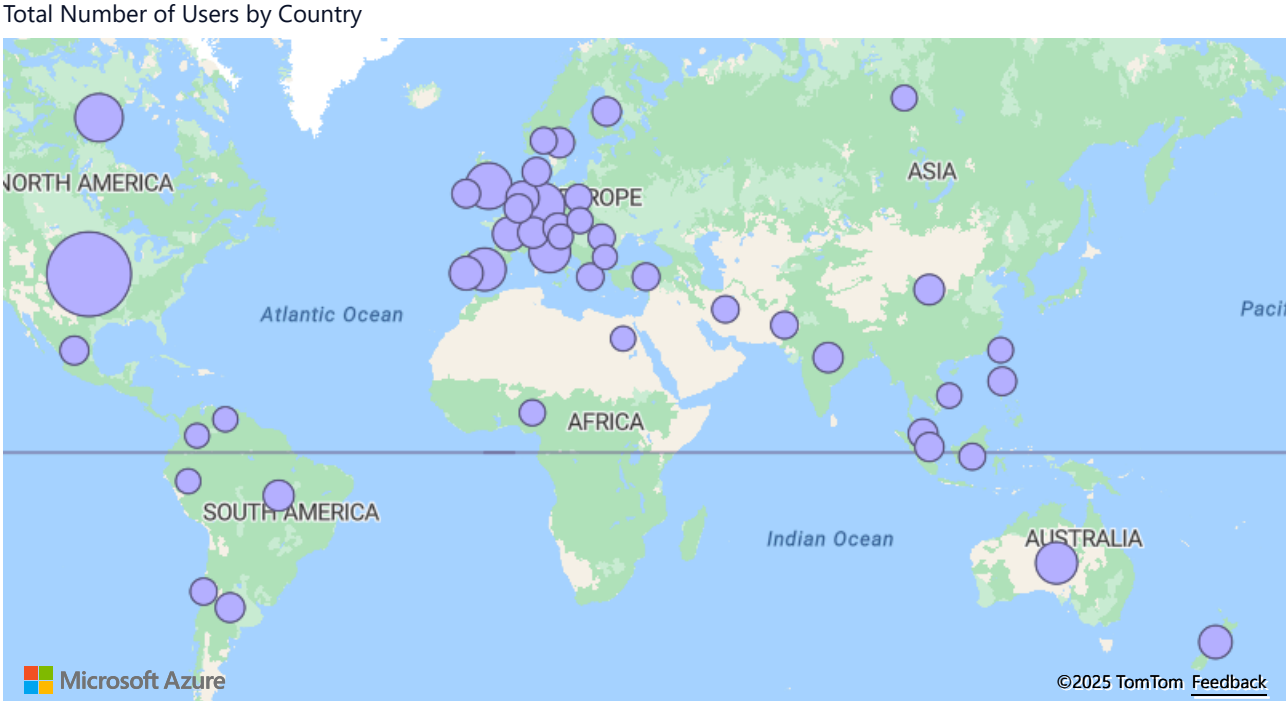
378K

AVG Book Rate

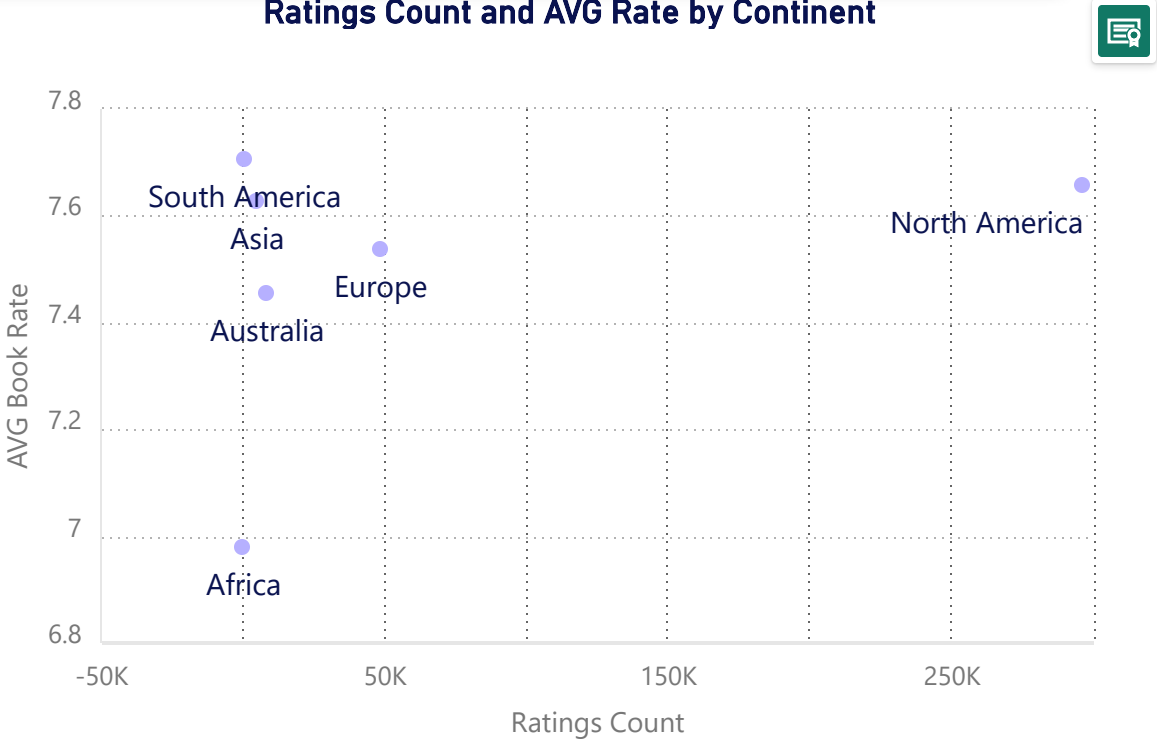
7.63



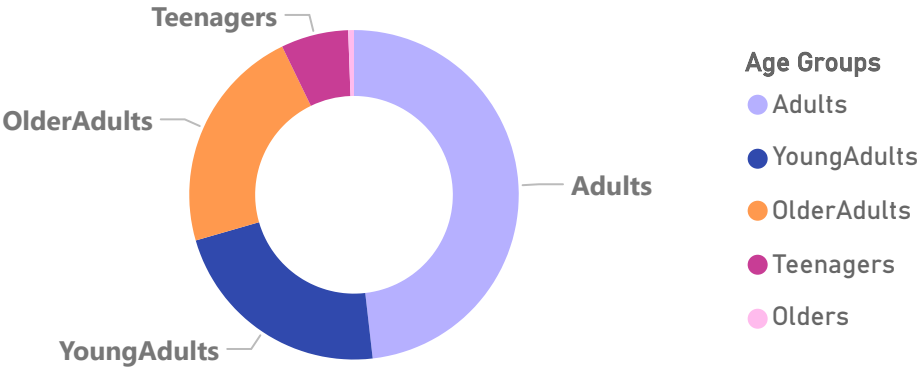
Users by Country



Ratings Count and AVG Rate by Continent



Users by Age Group



Teenagers: Ages 13–17
Young Adults: Ages 18–24
Adults: Ages 25–44
Older Adults: Ages 45–74
Olders: Ages 75+

Total Number of Users	268K
Active Users	78K
PCT Active Users	29.01%

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Continent

North America

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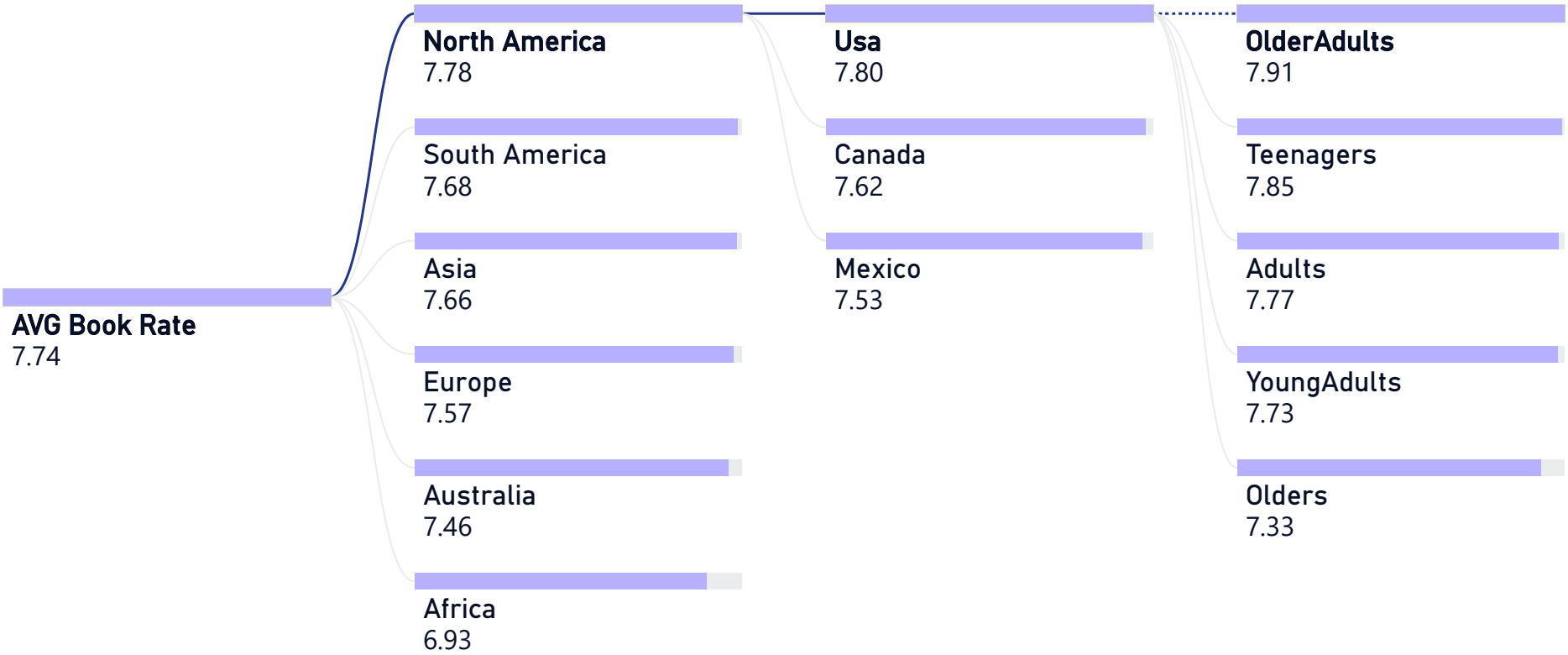
Country

Usa

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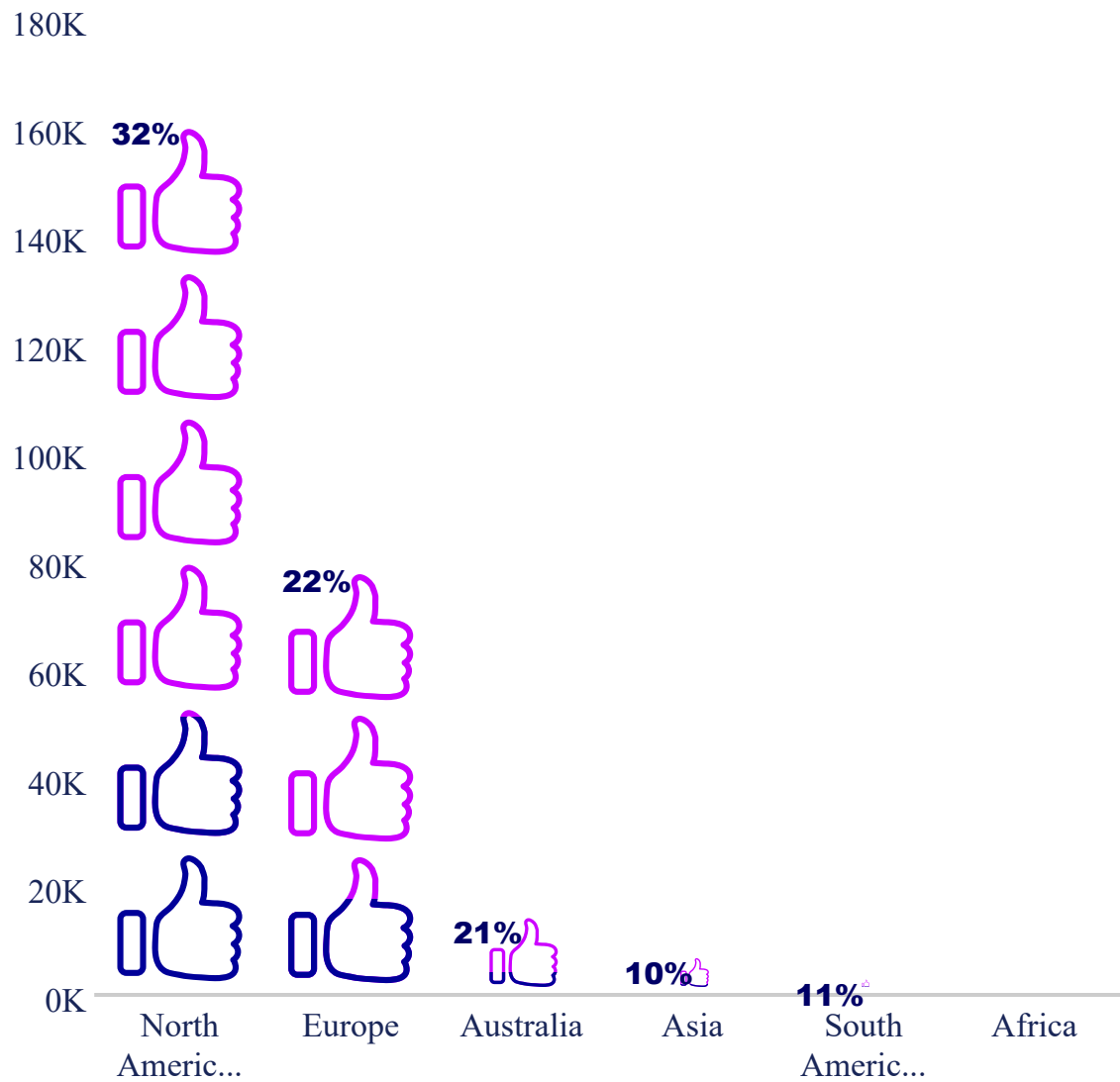
Age Group

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Total Users vs Active Users by Continent

Total Number of Users and PCT Active Users by Continent



Active Users by Age Group



*Active users - Users with at least one positive book rating

Overview

Bestsellers

Users

Ratings

Active Users

Genre

Genre	Adults	OlderAdults	YoungAdults	Total
Children's Books/Ages 9-12 Fiction	8.92			9.08
Fantasy fiction	9.02			9.07
Teenage girls	8.44	8.72		8.48
Suspense & Thriller	8.50	8.39		8.43
Victimes de viol	8.47			8.39
politics	8.41			8.31
Books and reading	8.04			8.27
Immigrants, united states	8.11			8.24
Murder	8.28	8.12	8.24	8.24
heparin	8.07	8.37		8.19
Politics and government	7.98			8.19
Overweight women	8.18			8.14
New York Times reviewed	8.20			8.13
David Sedaris	8.14			8.09
Rainforests	8.27	7.69		8.09
Teenage boys	8.10			8.04
Artists' models	8.16			8.03
Science Fiction	7.72			7.94
Humorous stories	7.86			7.91
Rich people	7.64			7.76
Diary fiction	7.55			7.71
Boys	7.38			7.52
Mississippi in fiction	7.26			7.51
Death	7.45			7.31
Patients	7.26			7.27
Fiction, humorous	7.26			7.25
Fiction	5.94	5.61	4.60	6.69

Genre	Asia	Australia	Europe	Total
Artists' models			8.15	8.40
Children's Books/Ages 9-12 Fiction				8.89
Comedians			7.83	7.73
Divorced people, fiction				8.14
Drug traffic			7.24	7.24
Fantasy			8.25	8.39
Fiction	5.43	4.26	5.67	5.63
heparin			8.18	7.84
Murder			8.30	8.19
Mystery			7.57	7.57
Orphans				8.76
Politics and government			7.10	7.12
Psychological fiction			7.41	7.52
Russians			6.74	6.74
Science Fiction				7.43
Single women				8.12
Suspense & Thriller			8.53	8.31
Teenage boys			7.97	8.13
Television serials			7.15	7.14
Total	5.43	4.26	7.14	7.14

AVG Genre Ratings

North America

AVG Genre Ratings

Europe/ Asia/
Australia