# **HPLT Analytics report**



## **General overview**

	Corpus	Date	Language	
Ī	hplt-v3-kaz_Cyrl	9/18/2025	Kazakh	

#### **Volumes**

Docs	Segments	Unique segments Tokens Characters		Size	
5.119.572	100.617.148	71.967.855 (71.53 %)	2.7B	17.117.387.686	29.07 GB

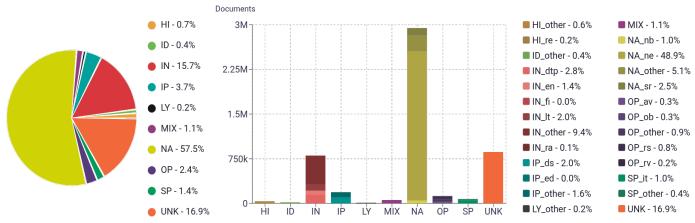
## Top 10 domains

Domain	Docs	% of total
inform.kz	171K	3.34%
nur.kz	118K	2.31%
azattyq.org	110K	2.15%
egemen.kz	89K	1.75%
baq.kz	83K	1.62%
tengrinews.kz	74K	1.44%
stan.kz	72K	1.41%
wikipedia.org	68K	1.32%
24.kz	63K	1.23%
zakon.kz	56K	1.09%

## Top 10 TLDs

Domain	Docs	% of total
kz	3.7M	71.57%
com	484K	9.46%
org	285K	5.57%
ru	140K	2.73%
gov.kz	107K	2.09%
edu.kz	78K	1.52%
info	59K	1.16%
net	49K	0.96%
tv	31K	0.60%
uz	24K	0.48%

## **Register labels**



**MT**:11.8% | 604K Documents

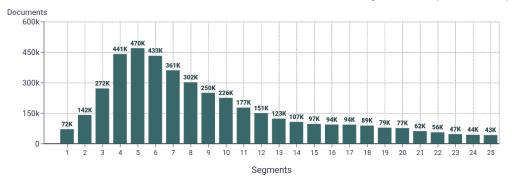
## Documents size (in segments) ①

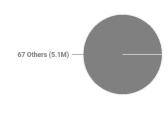
≤ **25** segments **84.22**% (4.3M documents)

> 25 segments 15.78% (808K documents)

## **Document collections**

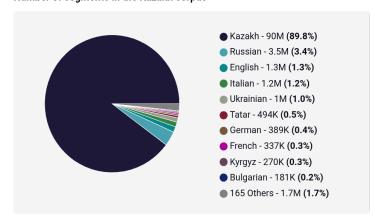
CC = 93.62% IA = 6.38%



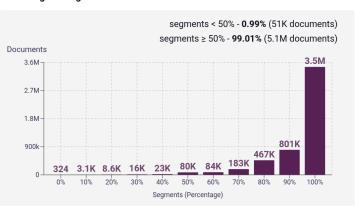


## **Language Distribution**

## Number of segments in the Kazakh corpus

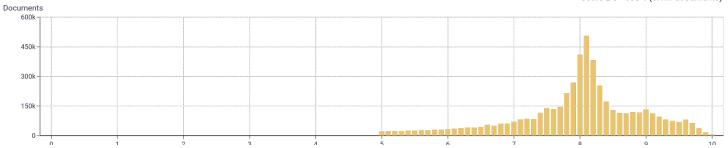


## Percentage of segments in Kazakh inside documents



## Distribution of documents by document score

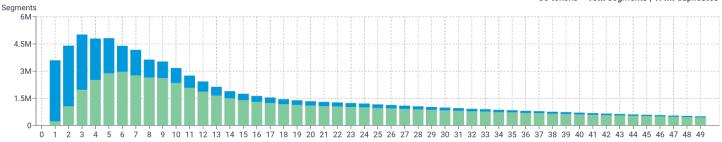
score < 5 - 0% (0 documents) score  $\geq 5 - 100\%$  (5.1M documents)



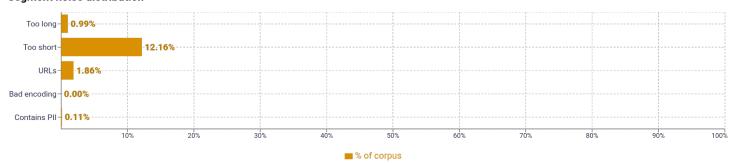
## Segment length distribution by token

≤ 49 tokens = 85M segments | 27M duplicates

> 50 tokens = 15M segments | 1.4M duplicates



## Segment noise distribution



## Frequent n-grams

SIZE	N-GRAMS		
1	және   28,495,646   деп   7,701,443   де   5,907,940   қазақстан   5,553,042   болады   5,275,924		
2	болып табылады   1,318,729   қазақстан республикасының   1,246,895   деп хабарлайды   1,054,858   білім беру   944,688   қазақстан республикасы   906,914	C	
3	сыбайлас жемқорлыққа қарсы   202,957 деп хабарлайды қазақпарат   184,347 білім және ғылым   158,280   хабарлайды қазақпарат тілшісі   105,836 деп атап өтті   105,833	þ	
4	деп хабарлайды қазақпарат тілшісі   105,618 күн өткен соң қолданысқа   96,073 өткен соң қолданысқа енгізіледі   87,476 сыбайлас жемқорлыққа қарсы іс   85,519 алғашқы ресми жарияланған күнінен   79,408	C	
5	он күн өткен соң қолданысқа   85,615 күн өткен соң қолданысқа енгізіледі   83,912 ресми жарияланған күнінен кейін күнтізбелік   58,893 күнінен кейін күнтізбелік он күн   53,660 жарияланған күнінен кейін күнтізбелік он   53,452	Ç	

## **About HPLT Analytics**

#### **Volumes - Segments**

Segments correspond to paragraph and list boundaries as defined by HTML elements (, , , etc.) replaced by newlines.

#### Volumes - Tokens

Tokenized with https://github.com/hplt-project/data-analytics-tool/blob/main/tokenizers-info.md

#### Type-Token Ratio

Lexical variety computed as \*number or types (uniques)/number of tokens\*, after removing punctuation (https://www.sltinfo.com/wp-content/uploads/2014/01/type-token-ratio.pdf).

## Document size (in segments)

Segments correspond to paragraph and list boundaries as defined by HTML elements (, , , etc.) replaced by newlines.

#### Language distribution

Language identified with FastSpell (https://github.com/mbanon/fastspell).

#### Distribution of segments by fluency score

Obtained with Monocleaner (https://github.com/bitextor/monocleaner).

## Distribution of documents by average fluency score

Obtained with Monocleaner (https://github.com/bitextor/monocleaner).

### Distribution of documents by document score

Obtained with Web Docs Scorer (https://github.com/pablop16n/web-docs-scorer/).

#### Segment length distribution by token

Tokenized with https://github.com/hplt-project/data-analytics-tool/blob/main/tokenizers-info.md

## Segment noise distribution

Obtained with Bicleaner Hardrules (https://github.com/bitextor/bicleaner-hardrules/).

## Frequent n-grams

Tokenized with https://github.com/hplt-project/data-analytics-tool/blob/main/tokenizers-info.md, after removing n-grams starting or ending in a stopword. Stopwords from https://github.com/hplt-project/data-analytics-tool/blob/main/scripts/resources/README.txt

## Register labels

register labels					
Name	Abbr.	Name	Abbr.	Name	Abbr.
Machine-translated	MT	How-to or instructions	HI	Description of a thing or person	dtp
Lyrical	LY	Recipe	re	FAQ	fi
Spoken	SP	Informational persuasion	IP	Legal terms & conditions	lt
Interview	it	Description with intent to sell	ds	Opinion	OP
Interactive discussion	ID	News & opinion blog or editorial	od	Review	rv.
Narrative	NA	, ,			rv
News report	ne	Informational description	IN	Opinion blog	ob
Sports report	sr	Enciclopedia article	en	Denominational religious blog or sermon	ırs
Narrative blog	nb	Research article	ra	Advice	av