

Parameters

Cancel

Reset

No parameters

Request body required

multipart/form-data

index_name * required
string

shyamadhikari

file * required
string(\$binary)

Choose File Quarterly_Flint_Blood...ad_Report-Q1-2022.pdf

Execute

Clear

Responses

Curl

```
curl -X 'POST' \
  'http://172.174.161.97:8100/SFRAG/ingest' \
  -H 'accept: application/json' \
  -H 'Content-Type: multipart/form-data' \
  -F 'index_name=shyamadhikari' \
  -F 'file=@Quarterly_Flint_Blood_Lead_Report-Q1-2022.pdf;type=application/pdf'
```

Request URL

```
http://172.174.161.97:8100/SFRAG/ingest
```

Server response

CodeDetails

200Response body

```
{
  "status": "Index ingested successfully",
  "index_name": "shyamadhikari",
  "imagecount": 5,
  "tablecount": 5
}
```

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POST

/SFRAG/retrieval Multi Modal Query



Parameters

Cancel

Reset

No parameters

Request body required

application/json



```
{  
  "user_query": "What is the purpose of this report?",  
  "index_name": "shyamadhikari",  
  "session_id": "17021"  
}
```

Execute

Clear

Responses

Curl

```
curl -X 'POST' \  
  'http://172.174.161.97:8100/SFRAG/retrieval' \  
  -H 'accept: application/json' \  
  -H 'Content-Type: application/json' \  
  -d '{  
    "user_query": "What is the purpose of this report?",  
    "index_name": "shyamadhikari",  
    "session_id": "17021"  
  }'
```



Request URL

<http://172.174.161.97:8100/SFRAG/retrieval>

Server response

Code

Details

200

Response body

```
{
  "response": {
    "content": "The purpose of this report is to track blood lead level test results in Flint, Michigan."
  },
  "citation": [
    {
      "type": "TABLE",
      "url": [
        "https://experimentsstorage1.blob.core.windows.net/extractedcontent/Quarterly_Flint_Blood_Lead_Report-Q1-2022_1_TABLE_5_1_20241203180004.png"
      ],
      "page_numbers": [
        "5"
      ],
      "filename": "Quarterly_Flint_Blood_Lead_Report-Q1-2022.pdf",
      "pdf_url": "https://experimentsstorage1.blob.core.windows.net/sf-bot/Project/shyamadhikari/Quarterly_Flint_Blood_Lead_Report-Q1-2022.pdf"
    },
    {
      "type": "TEXT",
      "url": [
        "https://experimentsstorage1.blob.core.windows.net/extractedcontent/Quarterly_Flint_Blood_Lead_Report-Q1-2022_1_1_draw_bbox_20241203175949.png"
      ],
      "page_numbers": [
        "1"
      ],
      "filename": "Quarterly_Flint_Blood_Lead_Report-Q1-2022.pdf",
      "pdf_url": "https://experimentsstorage1.blob.core.windows.net/sf-bot/Project/shyamadhikari/Quarterly_Flint_Blood_Lead_Report-Q1-2022.pdf"
    }
  ]
}
```



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Blood Lead Level Test Results for Selected Flint Zip Codes, Genesee County, and the State of Michigan

Executive Summary for Quarter 1, Calendar Year 2022 Data as of July 11, 2022

This report is generated by MDHHS to track blood lead level test results in Flint, Michigan.

Background

- Blood lead level testing is an important part of efforts to identify people who have been harmed by drinking water that contained lead and from other sources of lead exposure in the home. MDHHS recognizes that the full community of Flint must be the focus of the public health response.
- The CDC announced a change in the blood lead reference value (BLRV) from 5 µg/dL (micrograms lead per deciliter of blood) to 3.5 µg/dL in October 2021. MDHHS adopted the new reference value on May 1, 2022 (for more information see <https://www.michigan.gov/mdhhs/inside-mdhhs/newsroom/2022/04/29/mdhhs-updating-definition-of-elevated-blood-lead-levels>). Reports beginning in Quarter 2 of 2022 will include counts of blood lead levels (BLL) above the BLRV using both 3.5 µg/dL and 5 µg/dL as the blood lead reference values.

Data Presentation

- Each person is included only once per time period in this table.
 - If a person had multiple tests in the time period, the highest blood lead level from a venous test was counted.
 - If no venous test was performed, the highest blood lead level from a capillary test was counted.
 - If the type of test was unknown, the highest blood lead level obtained from an unknown sample type was counted.

Summary of Findings

- Between 10/1/2015 and 03/30/2022, 46,479 people had a blood lead test in the City of Flint in zip codes 48501-48507.
- Since 10/1/2015, 399 children under age 18 in Flint in zip codes 48501-48507 had blood lead levels > BLRV: blood lead levels greater than or equal to 5 µg/dL (micrograms lead per deciliter of blood).
- Of the 13,998 children younger than 6 years old tested since 10/1/2015, 2.5% had blood lead levels greater than or equal to 5 µg/dL.

Year	Michigan			Genesee County			Flint in ZIPs 48	
	# Adults tested for lead	# with BLL $\geq 5 \mu\text{g/dL}^1$	% with BLL $\geq 5 \mu\text{g/dL}^1$	# Adults tested for lead	# with BLL $\geq 5 \mu\text{g/dL}^1$	% with BLL $\geq 5 \mu\text{g/dL}^1$	# Adults tested for lead	# with $\geq 5 \mu\text{g/dL}^1$
2014	10,761	1,182	11.0	437	44	10.1	112	
2015	11,808	1,137	9.6	1,250	48	3.8	810	
2016	34,526	1,371	4.0	20,219	305	1.5	15,832	
2017	18,212	1,123	6.2	5,363	90	1.7	3,227	
2018	18,587	980	5.3	4,669	54	1.2	2,536	
2019	17,459	1,059	6.1	3,675	55	1.5	1,954	
2020	13,754	897	6.5	1,948	28	1.4	1,050	
2021	15,236	877	5.8	1,607	34	2.1	880	
2022*	2,657	187	7.0	197	8	4.1	109	