

Triennial Report Generator

Select inputs, then filter by Field to generate a publication-ready DOCX report.

Inputs

Excel (DBFS path)

dbfs:/FileStore/triennial/Triennial Data Source_Master File of All Submissions

Working output dir (DBFS path)

dbfs:/FileStore/triennial/out

Style prompt (DBFS path)

dbfs:/FileStore/triennial/style_prompt.json

Final output volume dir (optional)

/Volumes/dpcpsi/gold/triennial_reports

Reference DOCX (DBFS path)

dbfs:/FileStore/triennial/reference.docx

☐ Also copy final DOCX into Volume directory

Tip: After changing inputs, click 'Load Inputs' to restage files and refresh dropdown values.

Load Inputs

Field

Cancer

Preflight (review preview before generating)

Optional: style / tone / structure requests (applied to this run)

Example: use shorter sentences; avoid jargon; emphasize collaboration and translational impact.

☐ Also update style_prompt.json in DBFS using the override (optional) ⓘ

Optional: DOCX primary text color (formatting) — e.g., blue or #0000ff

Build Plan

Preview: 58 filtered rows, 58 unique UIDs for Field='Cancer'.

First UIDs (up to 30):

2_CC, 5_CC, 34_CC, 70_ONR, 109_NIAMS, 110_NIAMS, 170_ORWH, 206_NCATS, 211_NCATS, 212_NCATS, 244_NCI, 245_NCI, 246_NCI, 248_N

preview (LLM-generated)

1. The triennial report generator is focused on the field of Cancer, with 58 filtered rows and 58 unique UIDs.
2. A preview of the UIDs is provided, including examples such as 2_CC, 5_CC, and 34_CC.
3. The report is organized into 12 sections, including topics like Advanced Imaging & AI Tools, Immunotherapy, and Screening & Early Detection.

- 4. The report generation process involves several steps, starting with filtering rows and building a UID index.
- 5. The process continues with generating row paragraphs, routing UIDs into sections, and creating a summary and introduction.
- 6. The report is then assembled into markdown format, with UID markers converted to numeric footnotes.
- 7. The final report is converted to DOCX format and optionally has a primary color override applied.
- 8. The completed report is published to a file store and made available for download.

sections that will be included

| Section | Activities (UIDs) |
|--|-------------------|
| Advanced Imaging & AI Tools | 30 |
| Combination & Targeted Therapies | 2 |
| Data Commons and Computational Resources | 1 |
| Epidemiology & Surveillance | 5 |
| Genetics, Cell Biology, and -Omics | 9 |
| Immunotherapy | 2 |
| Nutrition & Symptom Management | 2 |
| Preventive Interventions | 1 |
| Screening & Early Detection | 5 |
| Tumor Microenvironment & Immunology | 1 |

why each UID is in its section

| UID | Selected Section | Rationale (LLM) |
|-----------|------------------------------------|---|
| 2_CC | Advanced Imaging & AI Tools | The activity description mentions the use of PET/CT and MRI, which are advanced imaging techniques. |
| 5_CC | Epidemiology & Surveillance | The activity description mentions 'Mismatch repair deficiency in urothelial cancer', which is a topic related to epidemiology and surveillance. |
| 34_CC | Nutrition & Symptom Management | The activity is primarily focused on nutrition management for Hereditary Diffuse Gastric Cancer. |
| 70_ONR | Nutrition & Symptom Management | The activity text explicitly discusses nutrition-related side effects of cancer treatment. |
| 109_NIAMS | Genetics, Cell Biology, and -Omics | The activity focuses on understanding the roles of micro-RNAs and specific proteins in cancer progression. |
| 110_NIAMS | Advanced Imaging & AI Tools | Selected based on dominant topical/method cues in the activity title/description. |
| 170_ORWH | Epidemiology & Surveillance | The activity description mentions reducing disparities in cervical cancer care across different populations. |
| 206_NCATS | Advanced Imaging & AI Tools | Selected based on dominant topical/method cues in the activity title/description. |
| 211_NCATS | Genetics, Cell Biology, and -Omics | The activity focuses on the genetic activity of single cells within a tumor and how it affects drug response. |
| 212_NCATS | Genetics, Cell Biology, and -Omics | The activity description mentions specific mutations in the IDH1 enzyme and their impact on cancer progression. |

Excluded candidate sections (per UID):

- 2_CC (selected: Advanced Imaging & AI Tools):
- Epidemiology & Surveillance: While the study involves detection and diagnosis, the primary focus is on the performance of imaging techniques rather than epidemiological surveillance or study of disease patterns in populations.
- 5_CC (selected: Epidemiology & Surveillance):
- Advanced Imaging & AI Tools: There is no mention of imaging or AI tools in the activity description, making this section less relevant.
- Environmental Health and Cancer: While the activity is related to cancer, there is no explicit connection to environmental health factors, making Epidemiology & Surveillance a better fit.
- 34_CC (selected: Nutrition & Symptom Management):

- **Advanced Imaging & AI Tools:** There is no mention of imaging or AI tools in the activity description, making this section a poor fit.
- **Recalcitrant & Hard-to-Treat Cancer Research:** While the activity does involve a rare and potentially challenging condition, the primary focus is on nutrition and symptom management rather than the cancer research itself, making Nutrition & Symptom Management a more direct match.
- **70_ONR** (selected: Nutrition & Symptom Management):
- **Advanced Imaging & AI Tools:** This section is not relevant because the activity text does not mention imaging or AI tools.
- **Preventive Interventions:** While the activity mentions prevention of cancer-associated malnutrition, the primary focus is on managing symptoms and nutrition during cancer treatment, making Nutrition & Symptom Management a better fit.
- **Tumor Microenvironment & Immunology:** The activity text does not discuss the tumor microenvironment or immunology, making this section less relevant to the content.
- **109_NIAMS** (selected: Genetics, Cell Biology, and -Omics):
- **Advanced Imaging & AI Tools:** There is no mention of imaging or AI tools in the activity description, making this section a poor fit.
- **Nutrition & Symptom Management:** While muscle wasting is a symptom of cancer, the activity's focus on molecular mechanisms and cellular responses makes Genetics, Cell Biology, and -Omics a more relevant section.
- **Tumor Microenvironment & Immunology:** The activity description does not specifically mention the tumor microenvironment or immunology, making this section less relevant than Genetics, Cell Biology, and -Omics.
- **170_ORWH** (selected: Epidemiology & Surveillance):
- **Advanced Imaging & AI Tools:** There is no mention of advanced imaging or AI tools in the activity description, which focuses on interagency collaboration and reducing disparities in care, rather than technological or methodological innovations.
- **211_NCATS** (selected: Genetics, Cell Biology, and -Omics):
- **Advanced Imaging & AI Tools:** While the activity mentions the use of 3-D models and fluorescent dyes, the primary focus is on genetic activity and cell biology rather than imaging or AI tools.
- **Environmental Health and Cancer:** There is no clear connection to environmental health in the activity description, which focuses on tumor cell behavior and genetics.
- **Immunotherapy:** Although the activity mentions the immune system response, the primary focus is on understanding tumor cell behavior and genetics, rather than developing immunotherapies.
- **212_NCATS** (selected: Genetics, Cell Biology, and -Omics):
- **Advanced Imaging & AI Tools:** There is no mention of imaging or AI tools in the activity description, making this section a poor fit.
- **Preventive Interventions:** While the activity may ultimately lead to the development of new drugs, the focus is on treating existing liver cancer rather than preventing it, making this section less relevant.
- **Screening & Early Detection:** The activity description does not discuss screening or early detection methods, but rather a potential new approach to treating liver cancer, making this section not applicable.
- **245_NCI** (selected: Preventive Interventions):
- **Advanced Imaging & AI Tools:** This section is not relevant because the activity does not mention imaging or AI tools.
- **Epidemiology & Surveillance:** While the activity involves studying the relationship between physical activity and cancer mortality, its primary focus is on prevention, making Epidemiology & Surveillance a secondary fit.
- **249_NCI** (selected: Advanced Imaging & AI Tools):
- **Tumor Microenvironment & Immunology:** While the report touches on cancer treatment, it does not specifically focus on the tumor microenvironment or immunology, which are the core topics of this section.

- **250_NCI** (selected: Genetics, Cell Biology, and -Omics):
- Advanced Imaging & AI Tools: There is no mention of imaging or AI tools in the activity text, making this section less relevant.
- Immunotherapy: While the activity has implications for cancer treatment, the text does not specifically discuss immunotherapy or the immune system's role in cancer.
- Tumor Microenvironment & Immunology: The activity text focuses on cell division and its reversal, without discussing the tumor microenvironment or immunological aspects, making this section a less suitable fit.
- **251_NCI** (selected: Screening & Early Detection):
- Advanced Imaging & AI Tools: This section is not relevant because the activity does not mention the use of advanced imaging or AI tools in the context of cervical cancer screening.
- Preventive Interventions: While the activity does involve a preventive aspect through HPV testing, its primary focus on screening and early detection makes 'Screening & Early Detection' a more specific and appropriate fit.
- **254_NCI** (selected: Genetics, Cell Biology, and -Omics):
- Advanced Imaging & AI Tools: There is no mention of imaging or AI tools in the activity text, making this section a less relevant fit.
- Epidemiology & Surveillance: While the study involves breast cancer survivors and compares them to the general population, the primary focus is on the biological and metabolic differences rather than epidemiological patterns or surveillance, making Epidemiology & Surveillance a secondary choice.
- **255_NCI** (selected: Screening & Early Detection):
- Advanced Imaging & AI Tools: This section is excluded because the activity description does not mention advanced imaging or AI tools, which are the primary focus of this section.
- Epidemiology & Surveillance: While epidemiology is related to the study of cancer deaths and prevention, the activity's primary focus is on the direct prevention of deaths through screening, making Screening & Early Detection a more specific match.
- Preventive Interventions: Although preventive interventions are a broader category that could encompass screening, the activity's specific emphasis on screening and early detection makes Screening & Early Detection the more precise fit.
- **256_NCI** (selected: Genetics, Cell Biology, and -Omics):
- Advanced Imaging & AI Tools: This section is not a good fit because the activity text does not mention imaging or AI tools, but rather focuses on molecular biology and genetics techniques.
- **258_NCI** (selected: Advanced Imaging & AI Tools):
- Combination & Targeted Therapies: Although CYTALUX is described as a 'targeted' agent, its primary purpose is imaging rather than therapy, making this section a less suitable fit.
- Genetics, Cell Biology, and -Omics: There is no mention of genetic, cellular, or omics-related research in the activity text, making this section an unlikely match.
- **259_NCI** (selected: Screening & Early Detection):
- Advanced Imaging & AI Tools: There is no mention of advanced imaging or AI tools in the activity text, making this section less relevant.
- Preventive Interventions: While the activity does involve prevention of anal cancer, the primary focus is on screening and early detection, making 'Preventive Interventions' a secondary fit.
- **260_NCI** (selected: Epidemiology & Surveillance):
- Advanced Imaging & AI Tools: There is no mention of imaging or AI tools in the activity text, making this section a poor fit.
- Genetics, Cell Biology, and -Omics: Although the activity text mentions antibodies and stomach cells, the primary focus is on disease trends and risk factors, rather than genetic or cellular mechanisms.

- Immunotherapy: The activity text discusses autoimmune gastritis, but the context is epidemiological rather than therapeutic, and there is no mention of immunotherapy approaches.
- **262_NCI** (selected: Immunotherapy):
- Advanced Imaging & AI Tools: There is no mention of imaging or AI tools in the activity text, making this section a poor fit.
- Genetics, Cell Biology, and -Omics: While the activity involves cell biology, the primary focus is on immunotherapy approaches rather than genetic or omics research.
- Preventive Interventions: The activity is focused on treating existing tumors through immunotherapy, rather than preventing cancer occurrence, which is the focus of preventive interventions.
- **268_NCI** (selected: Combination & Targeted Therapies):
- Advanced Imaging & AI Tools: There is no mention of imaging or AI tools in the activity text, making this section less relevant.
- Genetics, Cell Biology, and -Omics: Although the activity involves molecular pathways, the primary focus is on the combination treatment rather than genetic, cellular, or omics aspects, which are not explicitly discussed.
- Tumor Microenvironment & Immunology: While the treatment affects tumor size, the text does not specifically discuss the tumor microenvironment or immunological aspects, making this section a less direct fit.
- **272_NCI** (selected: Advanced Imaging & AI Tools):
- Tumor Microenvironment & Immunology: While the activity is related to cancer care, it does not specifically focus on the tumor microenvironment or immunology, making Advanced Imaging & AI Tools a more direct fit.
- **273_NCI** (selected: Epidemiology & Surveillance):
- Advanced Imaging & AI Tools: There is no mention of advanced imaging or AI tools in the activity text, making this section a poor fit.
- Environmental Health and Cancer: While cancer is a key aspect of the activity, the focus is on the effects of radiation and chemotherapy rather than environmental health factors.
- Tumor Microenvironment & Immunology: The activity text does not delve into the tumor microenvironment or immunological aspects, instead focusing on epidemiological and surveillance aspects of meningioma risk.
- **274_NCI** (selected: Epidemiology & Surveillance):
- Advanced Imaging & AI Tools: This section is not relevant as the activity does not mention the use of imaging or AI tools in its description.
- Tumor Microenvironment & Immunology: While cancer is the underlying topic, the activity's focus on survivor prevalence and population trends does not align with the specific focus on tumor microenvironment and immunology.
- **277_NCI** (selected: Combination & Targeted Therapies):
- Advanced Imaging & AI Tools: There is no mention of imaging or AI tools in the activity text, making this section a poor fit.
- Environmental Health and Cancer: The activity text does not discuss environmental factors or their relationship to cancer, which is the primary focus of this section.
- Tumor Microenvironment & Immunology: While the activity text does discuss cancer treatment, it does not specifically address the tumor microenvironment or immunology, making this section a less relevant choice.
- **279_NCI** (selected: Advanced Imaging & AI Tools):
- Epidemiology & Surveillance: While the activity involves the collection of demographic and clinical data, its primary focus is on creating a data ecosystem for facilitating research, rather than epidemiology or surveillance.
- Tumor Microenvironment & Immunology: The activity description does not specifically mention the tumor microenvironment or immunology, making this section less relevant than Data Commons and Computational Resources.

- **280_NCI** (selected: Immunotherapy):
 - Advanced Imaging & AI Tools: There is no mention of imaging or AI tools in the activity description, making this section a poor fit.
 - Genetics, Cell Biology, and -Omics: Although the activity involves genetic mutations and neoantigens, the primary focus is on immunotherapy, not genetics cell biology.
 - Preventive Interventions: The activity is focused on treating existing cancer, rather than preventing it, making this section not directly relevant.
- **319_NIDCR** (selected: Screening & Early Detection):
 - Advanced Imaging & AI Tools: While the activity involves molecular and cellular signatures, the primary focus is on early detection rather than advanced imaging or AI tools.
 - Genetics, Cell Biology, and -Omics: Although the activity mentions 'multi-omics signatures', the overall goal of enhancing early detection places it more squarely in the screening and early detection category, rather than a focus on genetics, cell biology, or omics research per se.
- **332_NIDCR** (selected: Screening & Early Detection):
 - Advanced Imaging & AI Tools: While the activity does involve imaging technology, its primary aim is to enhance early detection, making Screening & Early Detection a more direct fit.
 - Preventive Interventions: The activity is more focused on detection rather than prevention, as it aims to identify and intervene in existing oral cancer cases rather than preventing their occurrence.
- **495_NIEHS** (selected: Genetics, Cell Biology, and -Omics):
 - Immunotherapy: While immunotherapy may be related to cancer treatment, the activity text does not specifically mention immune system modulation or therapeutic interventions, making Genetics, Cell Biology, and -Omics a more direct fit.
- **519_NHGRI** (selected: Genetics, Cell Biology, and -Omics):
 - Advanced Imaging & AI Tools: This section is not relevant because the activity description does not mention imaging or AI tools.
 - Data Commons and Computational Resources: Although the ClinGen Resource could be considered a computational resource, the primary focus of the activity is on genetics and genomics, making this section a secondary fit.
 - Epidemiology & Surveillance: The activity description does not mention epidemiological studies or surveillance, which are key aspects of this section, making it an unlikely fit.
- **622_OSC** (selected: Genetics, Cell Biology, and -Omics):
 - Advanced Imaging & AI Tools: Although the activity mentions the use of computerized tomography (CT) scans and magnetic resonance imaging (MRIs), as well as artificial intelligence, the primary focus is on the metabolites and their role in diagnosis, rather than the imaging or AI tools themselves.
- **642_OSC** (selected: Data Commons and Computational Resources):
 - Advanced Imaging & AI Tools: There is no mention of imaging or AI tools in the activity description, making this section a less relevant fit.
 - Genetics, Cell Biology, and -Omics: Although the activity does involve the discovery of genetic pathways, the primary emphasis is on the data portal and its resources, rather than the specific biological disciplines of genetics, cell biology, or -omics.
- **838_NINDS** (selected: Tumor Microenvironment & Immunology):
 - Advanced Imaging & AI Tools: There is no mention of imaging or AI tools in the activity text, making this section less relevant.
 - Genetics, Cell Biology, and -Omics: While the activity involves cell biology, the primary focus is on the tumor microenvironment and cellular interactions, rather than genetic or omics aspects.
 - Recalcitrant & Hard-to-Treat Cancer Research: Although glioblastoma is mentioned as a hard-to-treat cancer, the activity's focus on the underlying mechanisms of tumor growth makes Tumor Microenvironment & Immunology a more specific and relevant section.
- **933_NIBIB** (selected: Advanced Imaging & AI Tools):

- Data Commons and Computational Resources: While the activity does involve the development of a repository for medical images and associated clinical data, the primary focus on AI tools and medical imaging makes Advanced Imaging & AI Tools a more direct match.
- **944_NIBIB** (selected: Advanced Imaging & AI Tools):
- Combination & Targeted Therapies: This section is not the best fit because the activity description focuses on diagnosis rather than treatment, and does not mention combination or targeted therapies.
- Tumor Microenvironment & Immunology: While the activity involves brain tumors, the primary focus is on improving diagnosis through advanced imaging techniques, rather than exploring the tumor microenvironment or immunology.

☐ Yes — confirm the sections above will be included in the report ⓘ

☐ Yes — proceed to generate using this plan

Generate Report

Live narration updates here (replaces in place).