From Melange to Meaning: IRS Form 990

SEAN CONNIN

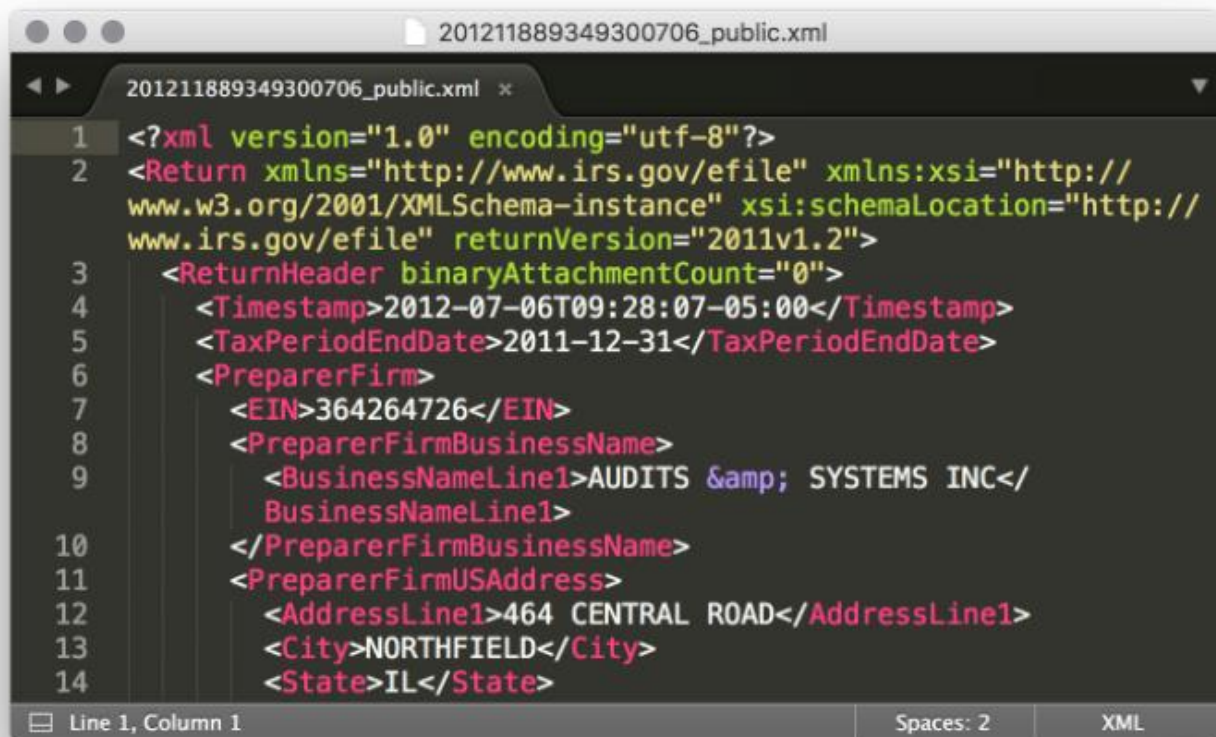501C3 STUDY -- EDA

IRS Releases 990 Forms as Machine-Readable Data

June 17, 2016

The Internal Revenue Service has announced that it has made more than a million electronic 990 tax forms available as machine-readable data through Amazon Web Services' Simple Storage Service.

IRS 990 Filing Data Now Available as an AWS Public Data Set

by AWS Public Sector Blog Team | on 15 JUN 2016 | in Government, Nonprofit | Permalink | → Share

We are excited to announce that over one million electronic IRS 990 filings are available via Amazon Simple Storage Service (Amazon S3). Filings from 2011 to the present are currently available and the IRS will add new 990 filing data each month.

https://amzn.to/3hyOnzJ

IRS Form 990

- Part I: EOY financial summary
- Part III: Key program service accomplishments
- Part VI-VII: Leadership and compensation
- Part VIII: Statement of Revenue
- Part IX: Statement of Expenses
- Part X-XI: Balance and Reconciliation

Form **990**

Department of the Treasury
Internal Revenue Service

Return of Organization Exempt From Income Tax

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

▶ Do not enter social security numbers on this form as it may be made public.
▶ Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

2017

Open to Public Inspection

A For the 2017 calendar year, or tax year beginning JUL 1, 2017 and ending JUN 30, 2018

B Check if applicable:
- Address change
- Name change
- Initial return
- Final return/terminated
- Amended return
- Application pending

C Name of organization
AMERICAN HUMANE ASSOCIATION
Doing business as AMERICAN HUMANE - FIRST TO SERVE

Number and street (or P.O. box if mail is not delivered to street address) Room/suite
1400 16TH STREET, NW 360

City or town, state or province, country, and ZIP or foreign postal code
WASHINGTON, DC 20036

F Name and address of principal officer: ROBIN R. GANZERT, PHD
SAME AS C ABOVE

D Employer identification number
84-0432950

E Telephone number
(202)677-4227

G Gross receipts $ 21,066,46

H(a) Is this a group return for subordinates? ☐ Yes ☒ No
H(b) Are all subordinates included? ☐ Yes ☐ No
If "No," attach a list. (see instructions)

I Tax-exempt status: ☒ 501(c)(3) ☐ 501(c)( ) ◀ (insert no.) ☐ 4947(a)(1) or ☐ 527

J Website: ▶ WWW.AMERICANHUMANE.ORG

H(c) Group exemption number ▶

K Form of organization: ☒ Corporation ☐ Trust ☐ Association ☐ Other ▶
L Year of formation: 1877 **M** State of legal domicile:

Part I Summary

Activities & Governance

1. Briefly describe the organization's mission or most significant activities: SEE SCHEDULE O
2. Check this box ▶ ☐ if the organization discontinued its operations or disposed of more than 25% of its net assets.
3. Number of voting members of the governing body (Part VI, line 1a) ... **3**
4. Number of independent voting members of the governing body (Part VI, line 1b) ... **4**
5. Total number of individuals employed in calendar year 2017 (Part V, line 2a) ... **5**
6. Total number of volunteers (estimate if necessary) ... **6** 5
7 a. Total unrelated business revenue from Part VIII, column (C), line 12 ... **7a**
  b. Net unrelated business taxable income from Form 990-T, line 34 ... **7b**

		Prior Year	Current Year
Revenue	8. Contributions and grants (Part VIII, line 1h)	10,531,804.	12,824,09
	9. Program service revenue (Part VIII, line 2g)	3,840,107.	3,888,86
	10. Investment income (Part VIII, column (A), lines 3, 4, and 7d)	308,291.	430,23
	11. Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e)	1,934,838.	2,101,53
	12. Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12)	16,615,040.	19,244,72
Expenses	13. Grants and similar amounts paid (Part IX, column (A), lines 1-3)	355,124.	229,97
	14. Benefits paid to or for members (Part IX, column (A), line 4)	0.	
	15. Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10)	6,845,347.	6,997,02
	16a. Professional fundraising fees (Part IX, column (A), line 11e)	70,000.	84,00
	b. Total fundraising expenses (Part IX, column (D), line 25) ▶ 1,760,076.		
	17. Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e)	8,266,448.	9,259,28
	18. Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25)	15,536,919.	16,570,28
	19. Revenue less expenses. Subtract line 18 from line 12	1,078,121.	2,674,44
		Beginning of Current Year	End of Year
Net Assets or Fund Balances	20. Total assets (Part X, line 16)	17,344,181.	20,380,21
	21. Total liabilities (Part X, line 26)	2,838,434.	3,011,43
	22. Net assets or fund balances. Subtract line 21 from line 20	14,505,747.	17,368,78

Part II Signature Block

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.

Sign Here
▶ Signature of officer Date 11/12/2018
▶ ROBIN R. GANZERT, PHD, PRESIDENT & CEO
Type or print name and title

Paid Preparer Use Only

Print/Type preparer's name	Preparer's signature	Date	Check ☐ if self-employed	PTIN
STEVEN C. DARR, CPA				P01324904

Firm's name ▶ CALIBRE CPA GROUP PLLC Firm's EIN ▶ 47-0900880
Firm's address ▶ 7501 WISCONSIN AVENUE, SUITE 1200 WEST
BETHESDA, MD 20814 Phone no. 202-331-9880

May the IRS discuss this return with the preparer shown above? (see instructions) ☒ Yes ☐ No

732001 11-28-17 LHA For Paperwork Reduction Act Notice, see the separate instructions. Form 990 (2017)

IRS Form 990

AWS XML Form 990

IRS Indices

Filed via. random id

JSON and CSV: unequal capture, often empty or updated at different times

XML

Changing version schema with tax code updates and form changes

Multiple lines for same field information – glue and stitch

Non-equivalent roots for same data

Field definitions different from paper form

IRS Form 990

990   Nonprofits with ≥ $50,000 in gross receipts.

990EZ   Nonprofits with ≤ $200,000 in gross receipts and assets ≤ $500,000

990PF   Foundations and Charities

Search for Organizations   Search for People   Full-Text Search

Search for a Nonprofit

Enter a nonprofit's name, a keyword, or city

Examples: ProPublica, Research or Minneapolis

State   **Major nonprofit categories** ⓘ   **Org. Type** ⓘ
Any State ⌄   Any Category ⌄   Any Type ⌄

SEARCH

Nonprofits in the States

The combined total revenue, filed by all tax-exempt organizations headquartered in the state during fiscal years ending in the 2016 calendar year, as well as the state's highest-revenue tax exempt organization over that period.

https://projects.propublica.org/nonprofits/organizations/30278594

YESTERMORROW INC

WAITSFIELD, VT 05673-6266

EIN: 03-0278594

Classification (NTEE)
Performing Arts Schools (Arts, Culture and Humanities)

Nonprofit Tax Code Designation: 501(c)(3)
Defined as: Organizations for any of the following purposes: religious, educational, charitable, scientific, literary, testing for public safety, fostering national or international amateur sports competition (as long as it doesn't provide athletic facilities or equipment), or the prevention of cruelty to children or animals.

Donations to this organization are tax deductible.

More Resources: 🄺 GuideStar

Get notifications: Sign up for updates about our data.

Tax Filings by Year

The IRS Form 990 is an annual information return that most organizations claiming federal tax-exempt status must file yearly. Read the IRS instructions for 990 forms.

If this organization has filed an amended return, it may not be reflected in the data below. Duplicated download links may be due to resubmissions or amendments to an organization's original return.

If you would like to download Form 990 document PDFs in bulk, the Internet Archive operates a mirror of the original bulk data.

FISCAL YEAR ENDING MARCH **2020**	Form 990 documents available
	Extracted filing data is not available for this tax period, but Form 990 documents are available for download.

PDF
990

Full Text
990 (FILED ON FEB. 18, 2021)
Full Filing
Schedules ▾

Raw XML
990

Nonprofit Explorer
Research Tax-Exempt Organizations

Nonprofit Explorer API

Search Method

GET /search.json

```
$ curl https://projects.propublica.org/nonprofits/api/v2/search.json?q=propub

----

{
  "total_results":1,
  "organizations":[{
    "ein":142007220,
    "strein":"14-2007220",
    "name":"PRO PUBLICA INC",
    "sub_name":"PRO PUBLICA INC",
    "city":"NEW YORK",
    "state":"NY",
    "ntee_code":"A20",
    "raw_ntee_code":"A20",
    "subseccd":3,
```

Returns a list of organizations matching the given search terms.

https://projects.propublica.org/nonprofits/api

Nonprofit Explorer
Research Tax-Exempt Organizations

Search for a Nonprofit

Enter a nonprofit's name, a keyword, or city

yesternorrow

Examples: ProPublica, Research or Minneapolis

State	Major nonprofit categories ⓘ	Org. Type ⓘ	
Vermont ▾	Any Category ▾	Any Type ▾	SEARCH

Advanced Search | People Search

6,964 organization results in Vermont. Results are ordered by relevance.

Note: The figure in the recent annual revenue column might be different than the revenue listed on the latest available Form 990. This is because the IRS provides more recent revenue data for some exempt organizations than is available in the publicly released detailed filings.

1 2 3 4 … 68 69 70 Next › Last »

Company Name	Location	NTEE Classification	Recent annual revenue
45 LATITUDE LABS INC	RICHFORD, VT	Environmental Beautification and Aesthetics L Environmental Quality, Protection and Beautification	
643 DP BASEBALL FOUNDATION	MANCHESTR CTR, VT	Baseball, Softball L Recreation, Sports, Leisure, Athletics	
802 RUGBY INC	COLCHESTER, VT	Football Clubs, Leagues L Recreation, Sports, Leisure, Athletics	
A REVOLUTIONARY PRESS	NEW HAVEN, VT	Fund Raising and/or Fund Distribution L Civil Rights, Social Action, Advocacy	
ABENAKI SELF-HELP ASSOCIATION INC DEPOT ST	SWANTON, VT		$179,366 2013 - 2014
ABENAQUI SNOWMOBILERS CLUB	CHESTER, VT		
ACADEMY OF ADAPTIVE MARTIAL ARTS INC	PITTSFORD, VT	Developmentally Disabled Centers, Services L Human Services — Multipurpose and Other	
ADAPTIVE MARTIAL ARTS ASSOCIATION INCORPORATED	PITTSFORD, VT	Amateur Sports Clubs, Leagues, N.E.C. L Recreation, Sports, Leisure, Athletics	
ADDISON COUNTY CHAMBER OF COMMERCE	MIDDLEBURY, VT		$213,280 2019
ADDISON COUNTY COMMUNITY ACTION GROUP INC	MIDDLEBURY, VT	Human Service Organizations - Multipurpose L Human Services — Multipurpose and Other	$2,280,972 2020

https://projects.propublica.org/nonprofits/organizations/30278594

Nonprofit Explorer
Research Tax-Exempt Organizations

YESTERMORROW INC

WAITSFIELD, VT 05673-6266

EIN: 03-0278594

Classification (NTEE)
Performing Arts Schools (Arts, Culture and Humanities)

Nonprofit Tax Code Designation: 501(c)(3)
Defined as: Organizations for any of the following purposes: religious, educational, charitable, scientific, literary, testing for public safety, fostering national or international amateur sports competition (as long as it doesn't provide athletic facilities or equipment), or the prevention of cruelty to children or animals.

Donations to this organization are tax deductible.

More Resources: ⓚ GuideStar

Get notifications: Sign up for updates about our data.

Tax Filings by Year

The IRS Form 990 is an annual information return that most organizations claiming federal tax-exempt status must file yearly. Read the IRS instructions for 990 forms.

If this organization has filed an amended return, it may not be reflected in the data below. Duplicated download links may be due to resubmissions or amendments to an organization's original return.

If you would like to download Form 990 document PDFs in bulk, the Internet Archive operates a mirror of the original bulk data.

FISCAL YEAR ENDING MARCH **2020**	Form 990 documents available
PDF 990 Full Text 990 (FILED ON FEB. 18, 2021) Full Filing Schedules ▾ Raw XML 990	Extracted filing data is not available for this tax period, but Form 990 documents are available for download.

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```xml
▼<Return xmlns="http://www.irs.gov/efile" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" returnVersion="2019v5.0" xsi:schemaLocation="http://www.irs.gov/efile">
  ▼<ReturnHeader binaryAttachmentCnt="0">
      <ReturnTs>2020-09-28T06:41:05-07:00</ReturnTs>
      <TaxPeriodEndDt>2020-03-31</TaxPeriodEndDt>
    ▼<PreparerFirmGrp>
        <PreparerFirmEIN>261546526</PreparerFirmEIN>
      ▼<PreparerFirmName>
          <BusinessNameLine1Txt>PACE AND HAWLEY</BusinessNameLine1Txt>
        </PreparerFirmName>
      ▼<PreparerUSAddress>
          <AddressLine1Txt>PO BOX 603</AddressLine1Txt>
          <CityNm>MONTPELIER</CityNm>
          <StateAbbreviationCd>VT</StateAbbreviationCd>
          <ZIPCd>056010603</ZIPCd>
        </PreparerUSAddress>
      </PreparerFirmGrp>
      <ReturnTypeCd>990</ReturnTypeCd>
      <TaxPeriodBeginDt>2019-04-01</TaxPeriodBeginDt>
    ▼<Filer>
        <EIN>030278594</EIN>
      ▼<BusinessName>
          <BusinessNameLine1Txt>Yestermorrow Inc</BusinessNameLine1Txt>
        </BusinessName>
        <BusinessNameControlTxt>YEST</BusinessNameControlTxt>
        <PhoneNum>8024965545</PhoneNum>
      ▼<USAddress>
          <AddressLine1Txt>7865 Main Street</AddressLine1Txt>
          <CityNm>Waitsfield</CityNm>
          <StateAbbreviationCd>VT</StateAbbreviationCd>
          <ZIPCd>05673</ZIPCd>
        </USAddress>
      </Filer>
    ▼<BusinessOfficerGrp>
        <PersonNm>John Connell</PersonNm>
        <PersonTitleTxt>Chairman</PersonTitleTxt>
        <SignatureDt>2020-09-28</SignatureDt>
        <DiscussWithPaidPreparerInd>true</DiscussWithPaidPreparerInd>
      </BusinessOfficerGrp>
    ▼<PreparerPersonGrp>
        <PreparerPersonNm>Robert Pace</PreparerPersonNm>
        <PTIN>P00119417</PTIN>
        <PhoneNum>8024612587</PhoneNum>
      </PreparerPersonGrp>
      <TaxYr>2019</TaxYr>
      <BuildTS>2021-01-29 14:40:06Z</BuildTS>
    </ReturnHeader>
  ▼<ReturnData documentCnt="6">
    ▼<IRS990 documentId="IRS990" referenceDocumentId="IRS990ScheduleO" softwareId="19009920" softwareVersionNum="2019v5.0">
        <PrincipalOfficerNm>John Connell</PrincipalOfficerNm>
      ▼<USAddress>
          <AddressLine1Txt>7865 Main Street</AddressLine1Txt>
          <CityNm>Waitsfield</CityNm>
          <StateAbbreviationCd>VT</StateAbbreviationCd>
          <ZIPCd>05673</ZIPCd>
        </USAddress>
```

Nonprofit Explorer
Research Tax-Exempt Organizations

Search for a Nonprofit

Enter a nonprofit's name, a keyword, or city

yesternorrow

Examples: ProPublica, Research or Minneapolis

State	Major nonprofit categories ⓘ	Org. Type ⓘ	
Vermont ▾	Any Category ▾	Any Type ▾	SEARCH

Advanced Search | People Search

6,964 organization results in Vermont. Results are ordered by relevance.

Note: The figure in the recent annual revenue column might be different than the revenue listed on the latest available Form 990. This is because the IRS provides more recent revenue data for some exempt organizations than is available in the publicly released detailed filings.

1 2 3 4 ... 68 69 70 Next › Last »

Company Name	Location	NTEE Classification	Recent annual revenue
45 LATITUDE LABS INC	RICHFORD, VT	Environmental Beautification and Aesthetics I, Environmental Quality, Protection and Beautification	
643 DP BASEBALL FOUNDATION	MANCHESTR CTR, VT	Baseball, Softball I, Recreation, Sports, Leisure, Athletics	
802 RUGBY INC	COLCHESTER, VT	Football Clubs, Leagues I, Recreation, Sports, Leisure, Athletics	
A REVOLUTIONARY PRESS	NEW HAVEN, VT	Fund Raising and/or Fund Distribution I, Civil Rights, Social Action, Advocacy	
ABENAKI SELF-HELP ASSOCIATION INC DEPOT ST	SWANTON, VT		$179,366 2013 - 2014
ABENAQUI SNOWMOBILERS CLUB	CHESTER, VT		
ACADEMY OF ADAPTIVE MARTIAL ARTS INC	PITTSFORD, VT	Developmentally Disabled Centers, Services I, Human Services — Multipurpose and Other	
ADAPTIVE MARTIAL ARTS ASSOCIATION INCORPORATED	PITTSFORD, VT	Amateur Sports Clubs, Leagues, N.E.C. I, Recreation, Sports, Leisure, Athletics	
ADDISON COUNTY CHAMBER OF COMMERCE	MIDDLEBURY, VT		$213,280 2019
ADDISON COUNTY COMMUNITY ACTION GROUP INC	MIDDLEBURY, VT	Human Service Organizations - Multipurpose I, Human Services — Multipurpose and Other	$2,280,972 2020

```r
# Establish a collector and perform initial scrape of listings
df = data.frame()

for(page_result in seq(from=1, to=4)){

link = paste0("https://projects.propublica.org/nonprofits/search?adv_search=1&c_code%5Bid%5D=3&city=&ntee%5Bid%5D=4&page=",page_result,"&q_all=&q_any=&q_none=

    page=read_html(link)
    Sys.sleep(20) # pause required to avoid captchas and related lockout
    table=page%>%html_nodes("table#search-results")%>%html_table()%>%.[[1]] #html_table returns tbl data in list form. .[[1]] extracts the list.
    table<-data_frame(table)
    # get urls from table
    url_link <- page%>%html_nodes(xpath="//td/a")%>%html_attr("href")
    Sys.sleep(20)
    child_url<-paste0("https://projects.propublica.org",url_link)
    url_df <-data_frame(child_url)
    table<-cbind(table, url_df)
    df<-rbind(df, table)
}

#write initial results to csv on local directory.
write_csv(df, "filename")
```

AMERICAN FEDERATION OF TEACHERS

L 3180 VERMONT STATE COLLEGES FAC
JOHNSON, VT 05656-9741 | TAX-EXEMPT SINCE NOV. 1967

EIN: 03-0235662

Nonprofit Tax Code Designation: 501(c)(5)
Defined as: Labor, agricultural and horticultural organizations that are educational or instructive, including unions, created for the purpose of improving conditions of work, and products of efficiency.

Donations to this organization are not tax deductible.

More Resources: K GuideStar

Get notifications: Sign up for updates about our data.

Tax Filings by Year

The IRS Form 990 is an annual information return that most organizations claiming federal tax-exempt status must file yearly. Read the IRS instructions for 990 forms.

If this organization has filed an amended return, it may not be reflected in the data below. Duplicated download links may be due to resubmissions or amendments to an organization's original return.

If you would like to download Form 990 document PDFs in bulk, the Internet Archive operates a mirror of the original bulk data.

FISCAL YEAR ENDING SEPT.
2018
PDF
IRS Filing

Form 990 documents available
Extracted filing data is not available for this tax period, but Form 990 documents are available for download.

Help Keep Nonprofit Explorer Free!

If you have used our data or site in your research or reporting, add credit and a link to Nonprofit Explorer in your story or publication and let us know.

FISCAL YEAR ENDING SEPT.
2017

Total Revenue $187,823

Total Functional Expenses	**$177,612**
Net income	**$10,211**

Notable sources of revenue		Percent of total revenue
Contributions	$0	
Program services	$0	
Investment income	$387	0.2%
Net fundraising	$0	
Sales of assets	$0	

```r
arts<-arts%>%
    clean_names() %>% # cleans df columns
    separate(location, c("city", "state"), sep=",")%>%
    separate("ntee_classification", c("description", "sub_desc"),
    sep="L")%>%
    mutate(ein = str_extract(child_url, pattern="[0-9]+"))


a<-arts%>%
  select(child_url)%>%
  as.list%>%
  unlist(use.names = FALSE)

#create loop to collect xml urls and pass into a dataframe

x1<-data.frame(matrix(NA, ncol=12))

for(i in 1:length(a)){
  page=read_html(a[i])
  Sys.sleep(10)
  url <- page%>%html_nodes("[class='action xml']")
  pg <- paste(as.character(url))
  if(identical(pg, character(0))){pg <- "NA"}
  print(pg)
  x1<-rbind(x1, pg)
}

#process dataframe and bind to parent csv

xml<-x1[-1,] #remove first row
xml%<>%mutate(across(.cols = X1:X12, .fns =str_extract, pattern = 'http.+xml')) # extract the xml urls, note I removed quotes

tmp<-cbind(arts, xml)

#Write csv to local directory

write_csv(tmp,"artsxml.csv")
```

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```xml
▼<Return xmlns="http://www.irs.gov/efile" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" returnVersion="2019v5.0" xsi:schemaLocation="http://www.irs.gov/efile">
  ▼<ReturnHeader binaryAttachmentCnt="0">
      <ReturnTs>2020-09-28T06:41:05-07:00</ReturnTs>
      <TaxPeriodEndDt>2020-03-31</TaxPeriodEndDt>
    ▼<PreparerFirmGrp>
        <PreparerFirmEIN>261546526</PreparerFirmEIN>
      ▼<PreparerFirmName>
          <BusinessNameLine1Txt>PACE AND HAWLEY</BusinessNameLine1Txt>
        </PreparerFirmName>
      ▼<PreparerUSAddress>
          <AddressLine1Txt>PO BOX 603</AddressLine1Txt>
          <CityNm>MONTPELIER</CityNm>
          <StateAbbreviationCd>VT</StateAbbreviationCd>
          <ZIPCd>056010603</ZIPCd>
        </PreparerUSAddress>
      </PreparerFirmGrp>
      <ReturnTypeCd>990</ReturnTypeCd>
      <TaxPeriodBeginDt>2019-04-01</TaxPeriodBeginDt>
    ▼<Filer>
        <EIN>030278594</EIN>
      ▼<BusinessName>
          <BusinessNameLine1Txt>Yestermorrow Inc</BusinessNameLine1Txt>
        </BusinessName>
        <BusinessNameControlTxt>YEST</BusinessNameControlTxt>
        <PhoneNum>8024965545</PhoneNum>
      ▼<USAddress>
          <AddressLine1Txt>7865 Main Street</AddressLine1Txt>
          <CityNm>Waitsfield</CityNm>
          <StateAbbreviationCd>VT</StateAbbreviationCd>
          <ZIPCd>05673</ZIPCd>
        </USAddress>
      </Filer>
    ▼<BusinessOfficerGrp>
        <PersonNm>John Connell</PersonNm>
        <PersonTitleTxt>Chairman</PersonTitleTxt>
        <SignatureDt>2020-09-28</SignatureDt>
        <DiscussWithPaidPreparerInd>true</DiscussWithPaidPreparerInd>
      </BusinessOfficerGrp>
    ▼<PreparerPersonGrp>
        <PreparerPersonNm>Robert Pace</PreparerPersonNm>
        <PTIN>P00119417</PTIN>
        <PhoneNum>8024612587</PhoneNum>
      </PreparerPersonGrp>
      <TaxYr>2019</TaxYr>
      <BuildTS>2021-01-29 14:40:06Z</BuildTS>
    </ReturnHeader>
  ▼<ReturnData documentCnt="6">
    ▼<IRS990 documentId="IRS990" referenceDocumentId="IRS990ScheduleO" softwareId="19009920" softwareVersionNum="2019v5.0">
        <PrincipalOfficerNm>John Connell</PrincipalOfficerNm>
      ▼<USAddress>
          <AddressLine1Txt>7865 Main Street</AddressLine1Txt>
          <CityNm>Waitsfield</CityNm>
          <StateAbbreviationCd>VT</StateAbbreviationCd>
          <ZIPCd>05673</ZIPCd>
        </USAddress>
```

```r
#open dataframe with xml links and convert to iterable character form

x990<-read_csv("artsxml.csv")

x990%>% mutate(X1 = str_squish(X1))
df<-x990
vect<-unlist(list(df$X1))

#Create an iterable vector of urls

xls<-c()
for(i in 1:length(vect)){
  d<-gsub('\"', "", vect[i])
  xls<-c(xls,d)
}

# create a dataframe collector and xml scraping routine

data<-NULL  #set up dataframe

for(i in 1:length(xls)){
  url<-(xls[i])
  if(is.na(url)){
    x<-"NA"
  } else {
    x <- getURL(url)
    Sys.sleep(3)
  }
  x<-as.data.frame(x)
  data<-rbind(data, x)
}

identical(data[3,],data[4,])


#Save scraping results as text files (for each organization) on local directory

vt990<-data%>%
  mutate(id=row_number())%>%
  rename(xml_file=x)

for(i in 1:nrow(vt990)){
  write(vt990$xml_file[i], paste0(vt990$id[i],  ".txt"))
}
```

Group variables   None

-- Variable type: character ---
A tibble: 9 x 8
  skim_variable   n_missing complete_rate   min   max empty n_unique whitespace
* <chr>   <int>   <dbl> <int> <int> <int>   <int>   <int>
1 organization   0   1   8   70   0   522   0
2 category   0   1   6   23   0   7   0
3 form   0   1   3   3   0   1   0
4 address   0   1   6   35   0   499   0
5 city   0   1   5   20   0   170   0
6 website   39   0.935   3   44   0   414   0
7 ein   0   1   9   9   0   524   0
8 mission   195   0.673   9 1000   0   352   0
9 principal_officer   54   0.910   6   26   0   460   0

-- Variable type: numeric ---
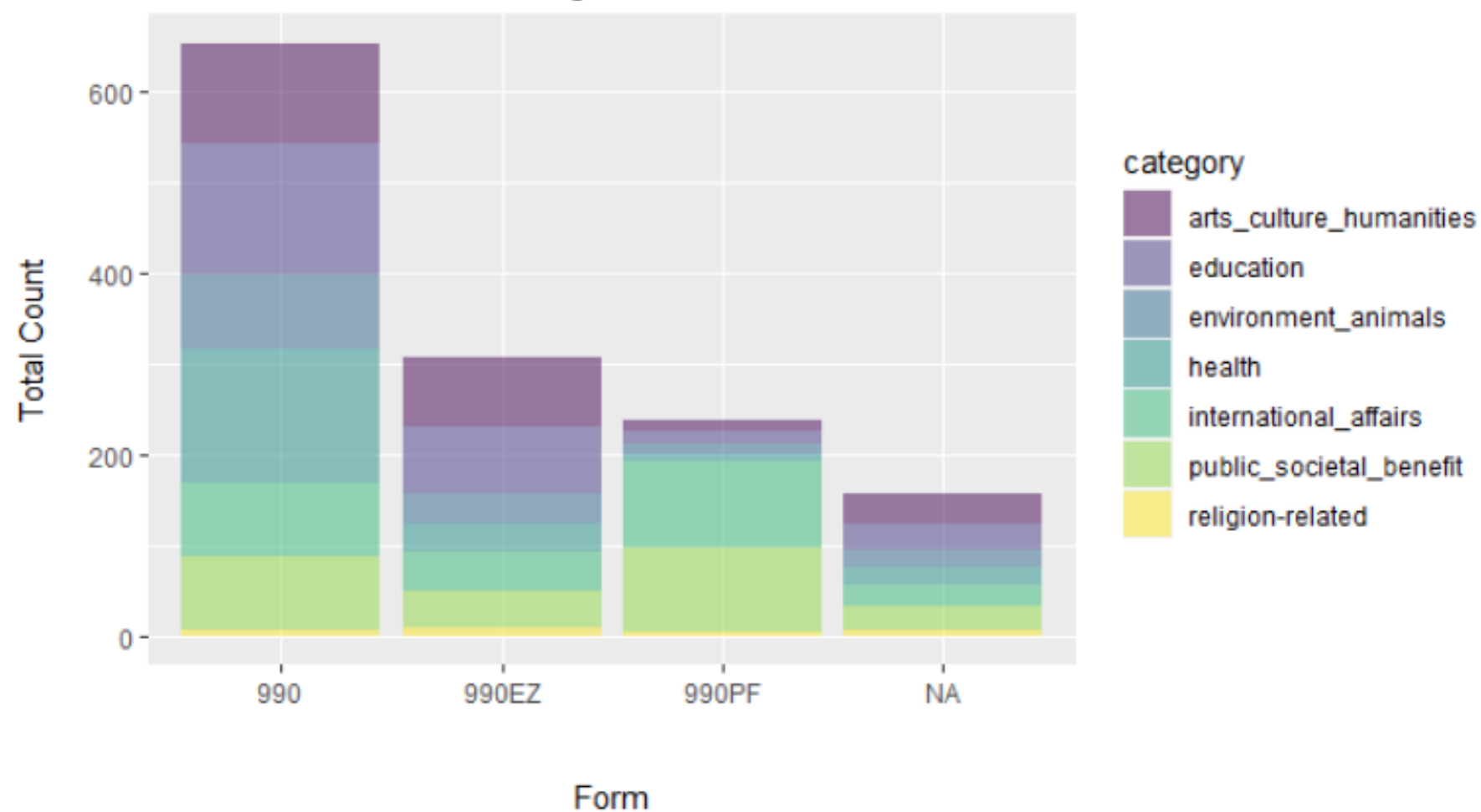# A tibble: 17 x 11
   skim_variable   n_missing complete_rate   mean   sd   p0   p25   p50   p75   p100 hist
 * <chr>   <int>   <dbl>   <dbl>   <dbl>   <dbl>   <dbl>   <dbl>   <dbl>   <dbl> <chr>
 1 xml_num   0   1   270.   169.   3   132   250   390   679 ▃▃▃▇▂
 2 tax_year   0   1   2018.   0.497   2018   2018   2018   2019   2019 ▇▁▁▁▇
 3 start_yr   24   0.960   1985.   32.1   1819   1975   1995   2005   2019 ▁▁▁▂▇
 4 employee_count   312   0.477   164.   587.   10   18   30   92   8686 ▇▁▁▁▁
 5 volunteer_count   284   0.524   302.   1304.   10   25   50   117   14000 ▇▁▁▁▁
 6 PY_total_revenue   9   0.985 8927343.   63662127.   -16281   277462.   592030. 1717746.   1433600411 ▇▁▁▁▁
 7 PY_total_expenses   9   0.985 8278029.   60609912. -1005823   238536.   550441   1421341.   1360613119 ▇▁▁▁▁
 8 PY_net   13   0.978   653761.   4686281. -7299122 -19804.   22864.   137345.   72987292 ▇▁▁▁▁
 9 CY_total_revenue   0   1   8980391.   67253586.   -33419   272757   603793   1825858   1529529583 ▇▁▁▁▁
10 CY_total_expenses   9   0.985 8278029.   60609912. -1005823   238536.   550441   1421341.   1360613119 ▇▁▁▁▁
11 CY_net   3   0.995   279235.   3158780. -25315580 -35786.   12086   111772   62328659 ▁▁▇▁▁
12 CY_total_EOY_assets   8   0.987 13331113.   83460701.   -36495   299968   1025034   4225068   1695000215 ▇▁▁▁▁
13 CY_total_EOY_liabilities   94   0.843 5643250.   44897443.   39   20406   120996   690764   723839777 ▇▁▁▁▁
14 CY_fund_balance   134   0.776 5966779.   49711369. -3444185   176380   688895   2253934.   1033709335 ▇▁▁▁▁
15 CY_total_salaries   80   0.866 5650007.   40412076.   760   143793   324377   973829   832147624 ▇▁▁▁▁
16 CY_grants_contributions   39   0.935 1036137.   2952325.   17   94916.   272284.   746145   40996621 ▇▁▁▁▁
17 CY_program_service_rev   130   0.782 9805485.   73336731.   25   64017   262558   1024773   1477791395 ▇▁▁▁▁
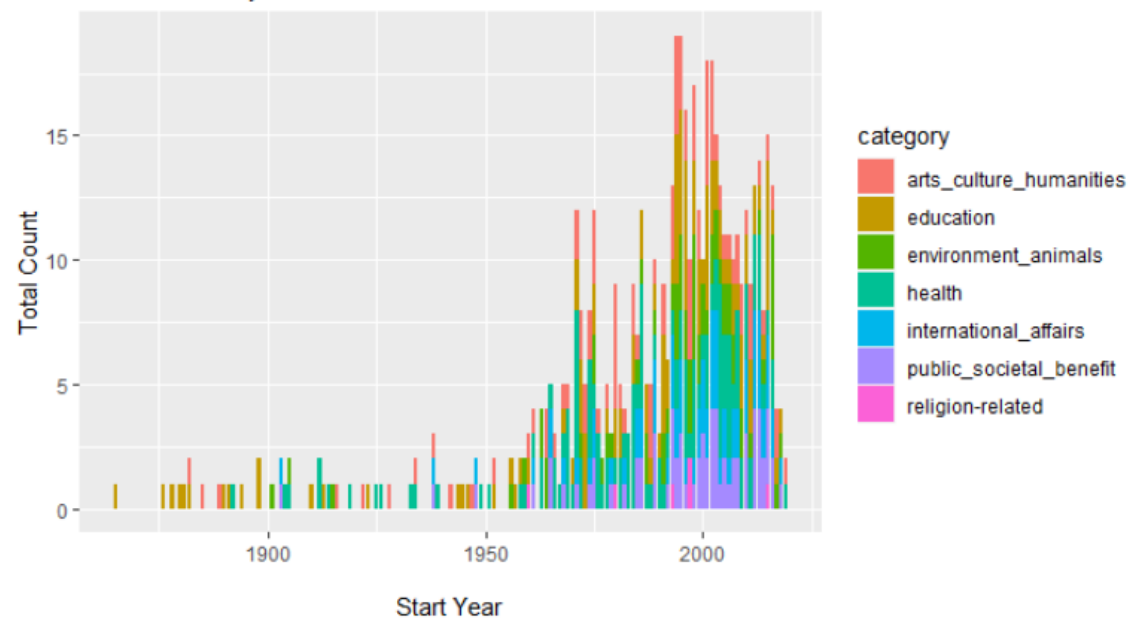
Total Count of 990 Forms Represented in Dataset

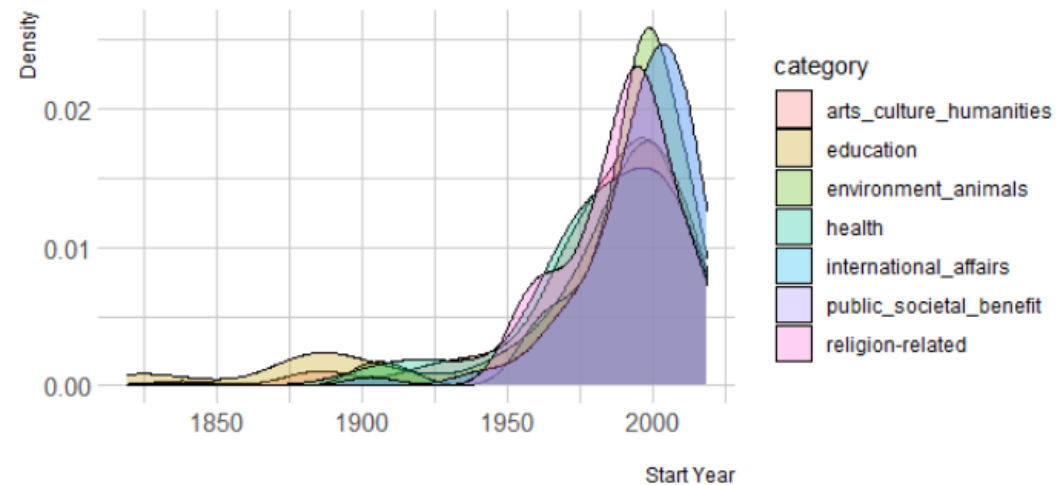From Most Recent 501c3 Filings: Variable Years

Development of 501c3 Non-Profits in Vermont
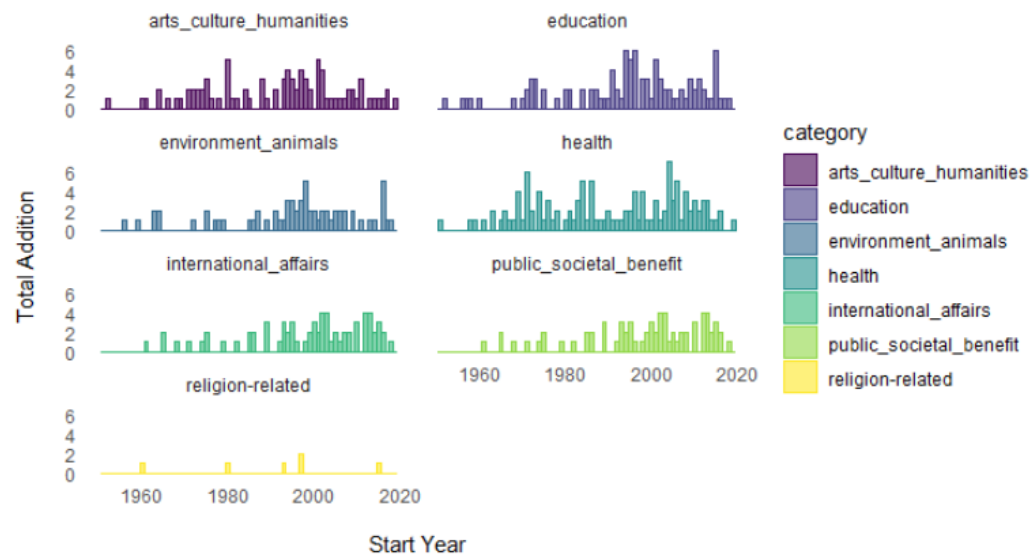Mid-19th Century to Present

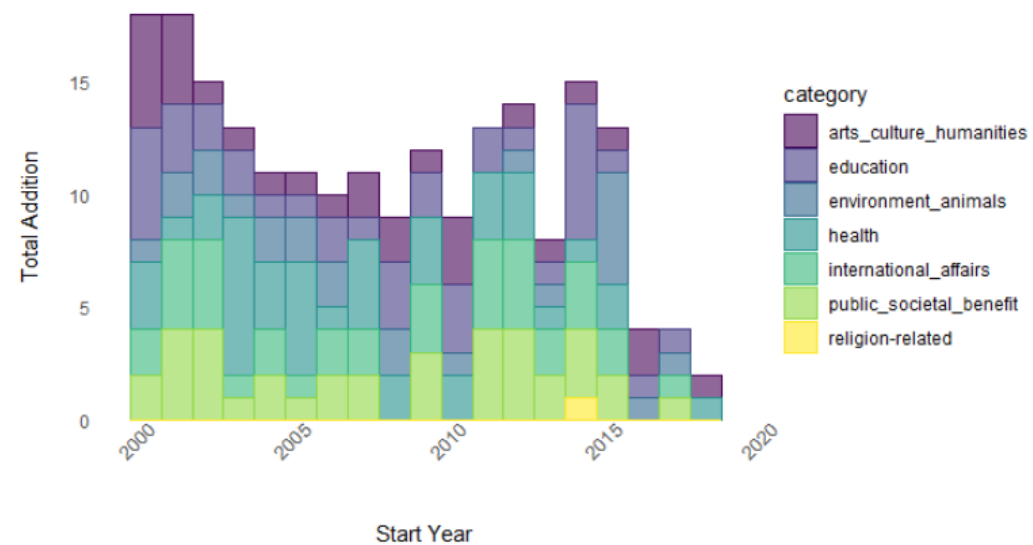Development of 501c3 Non-Profits in Vermont
Mid-19th Century to Present

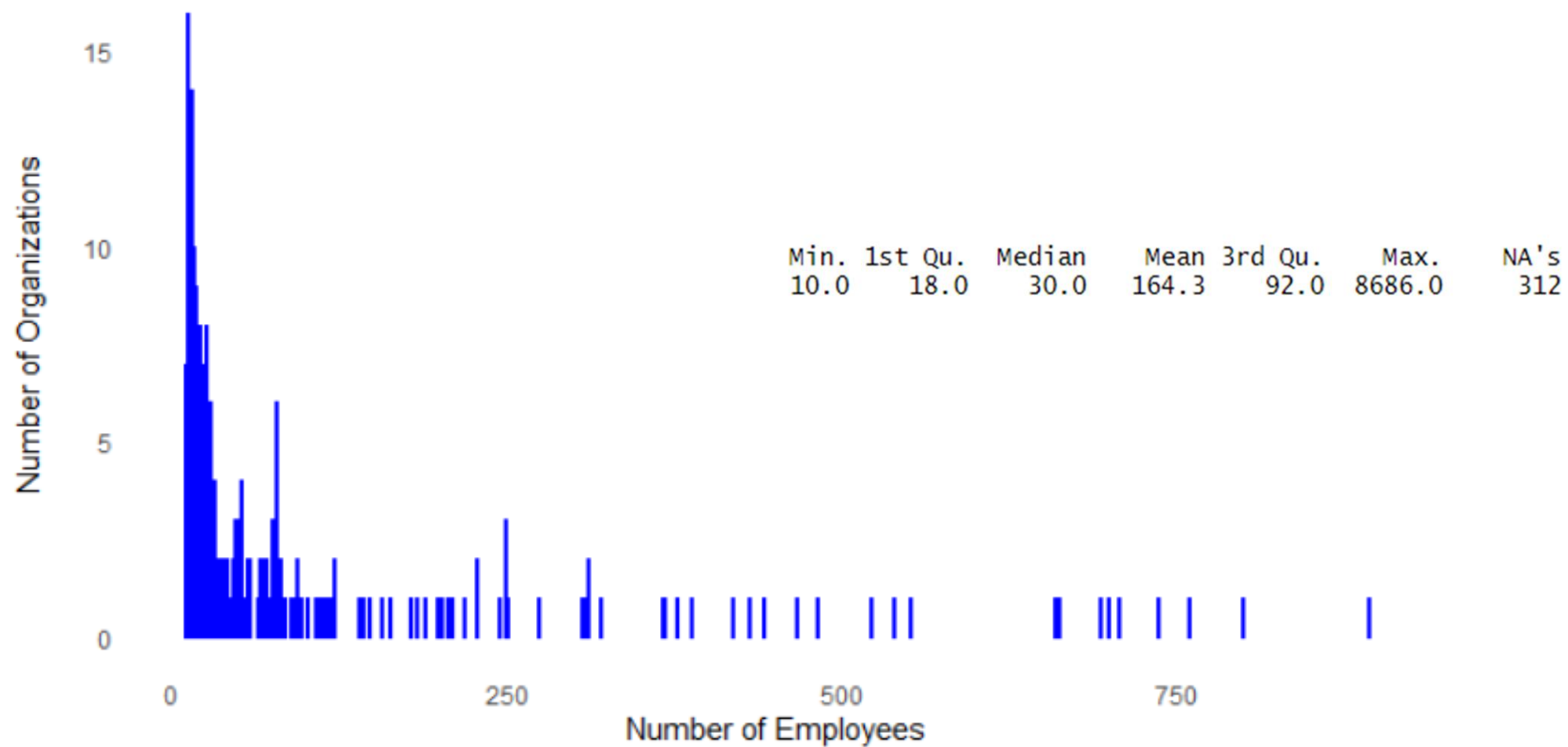Annual Addition of 501c3 Non-Profits in Vermont
1950 to Present

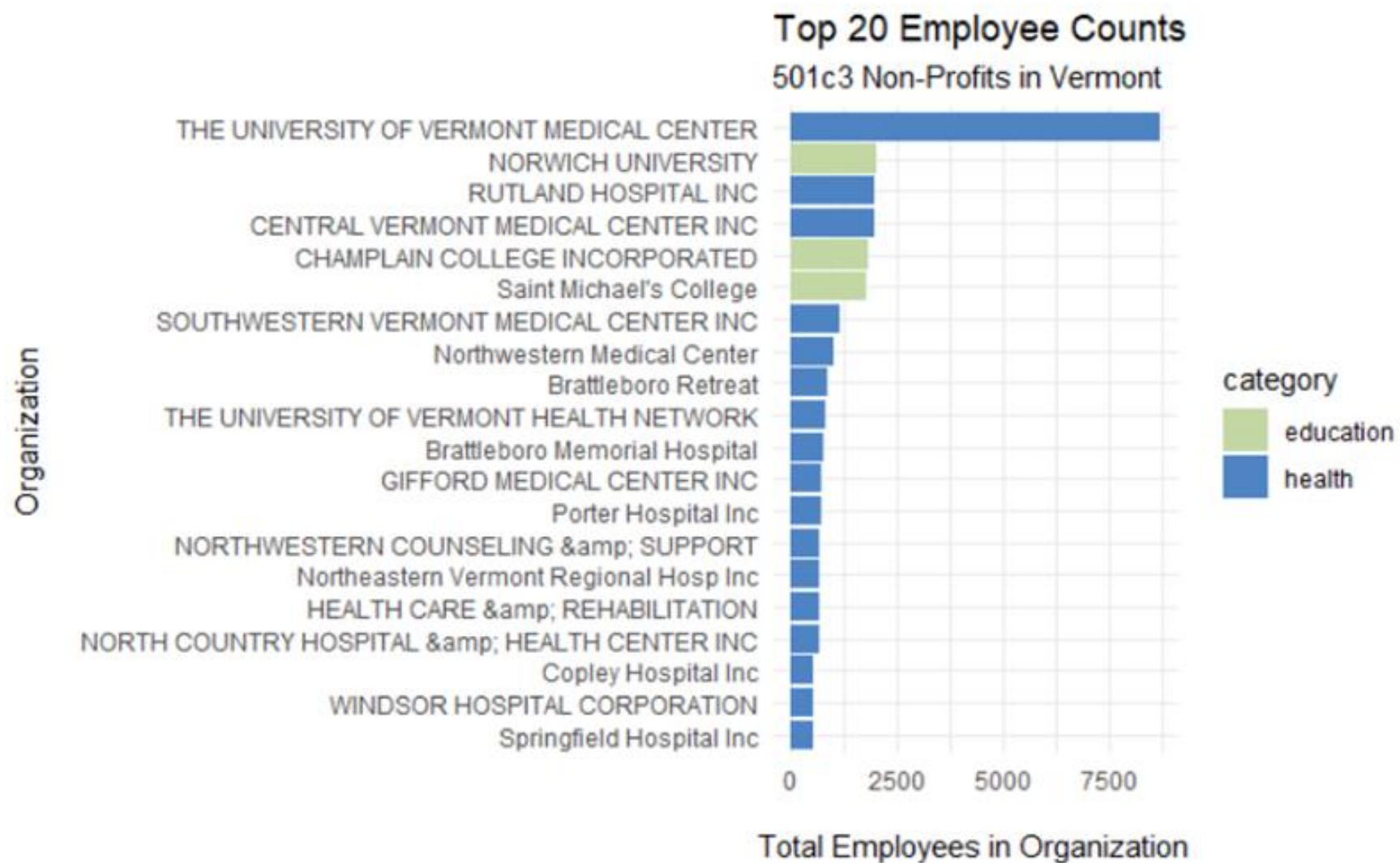Annual Addition of 501c3 Non-Profits in Vermont
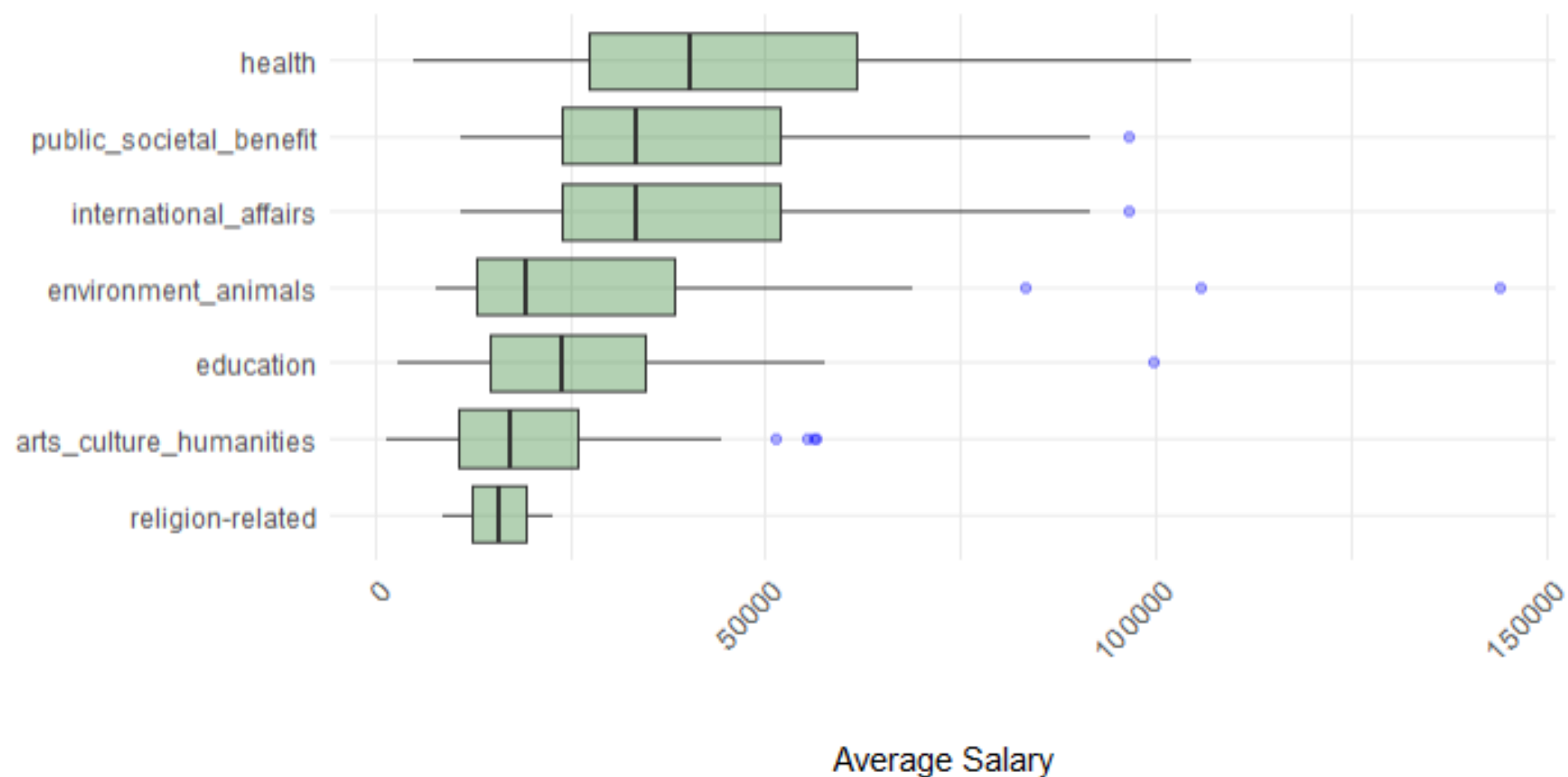2000 to Present

Distribution of Employee Counts
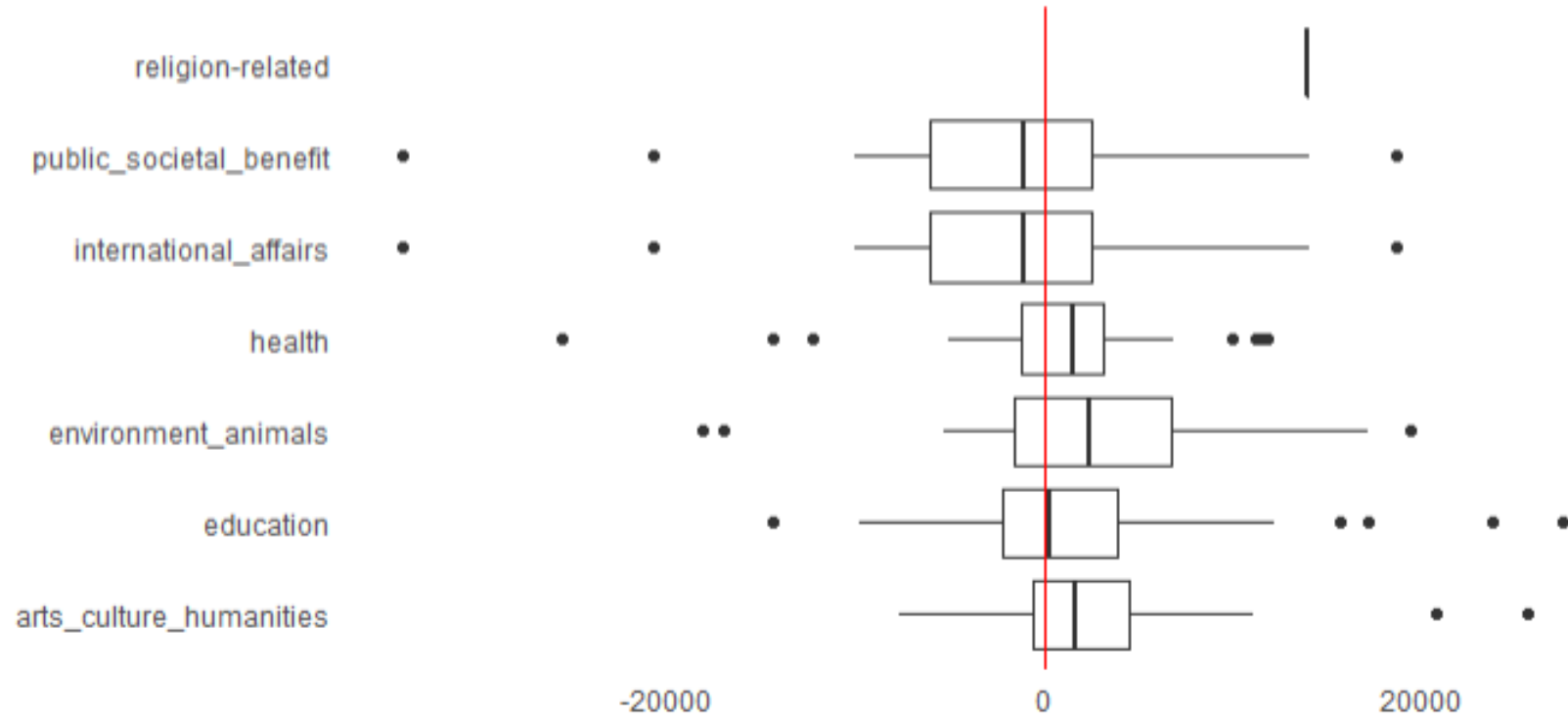
Organizations with 1000 or Fewer Employees

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.	NA's
10.0	18.0	30.0	164.3	92.0	8686.0	312

Number of Organizations

Number of Employees

Top 20 Employee Counts

501c3 Non-Profits in Vermont

Average Salaries by 501c3 Category

Salaries less than $200,000
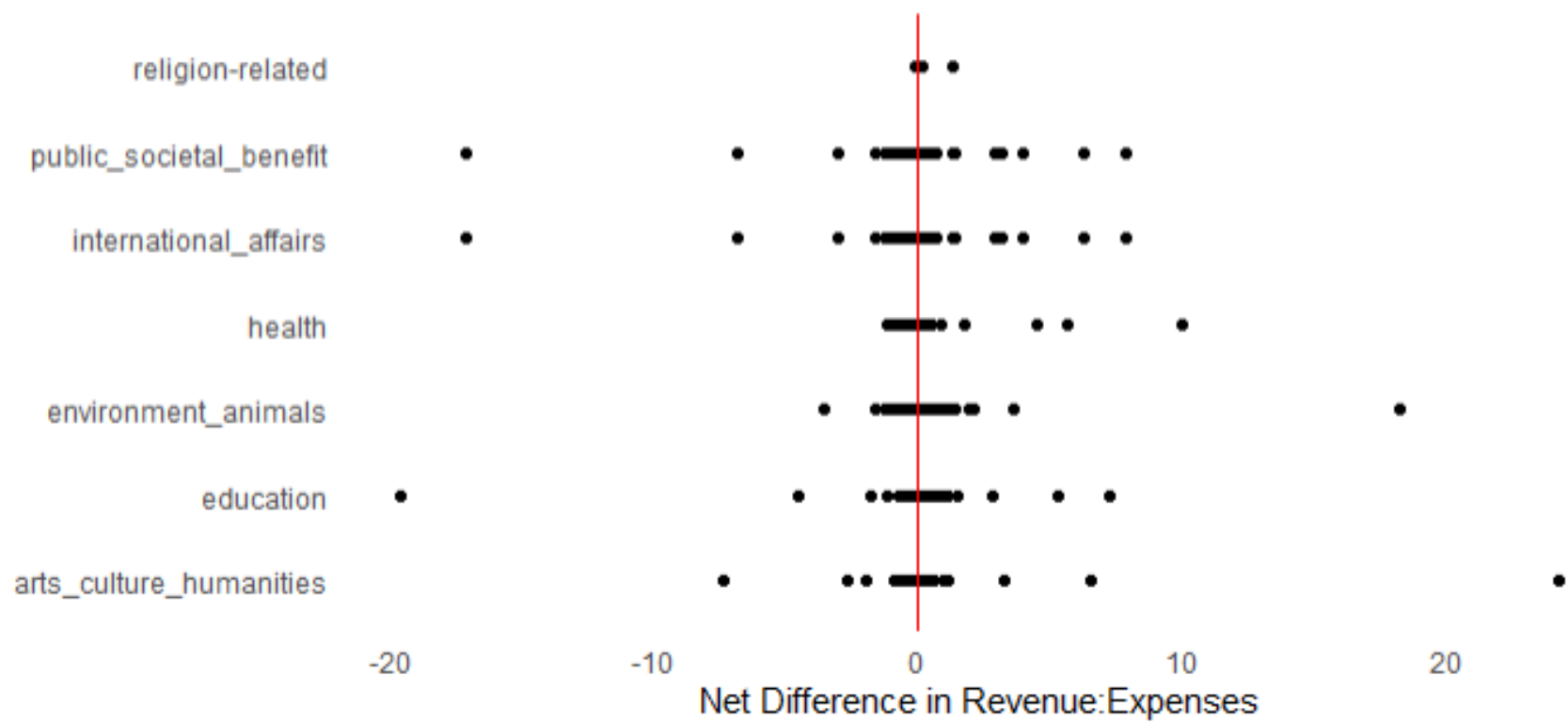

Average Salary

Current Year Per Capita Net Revenue
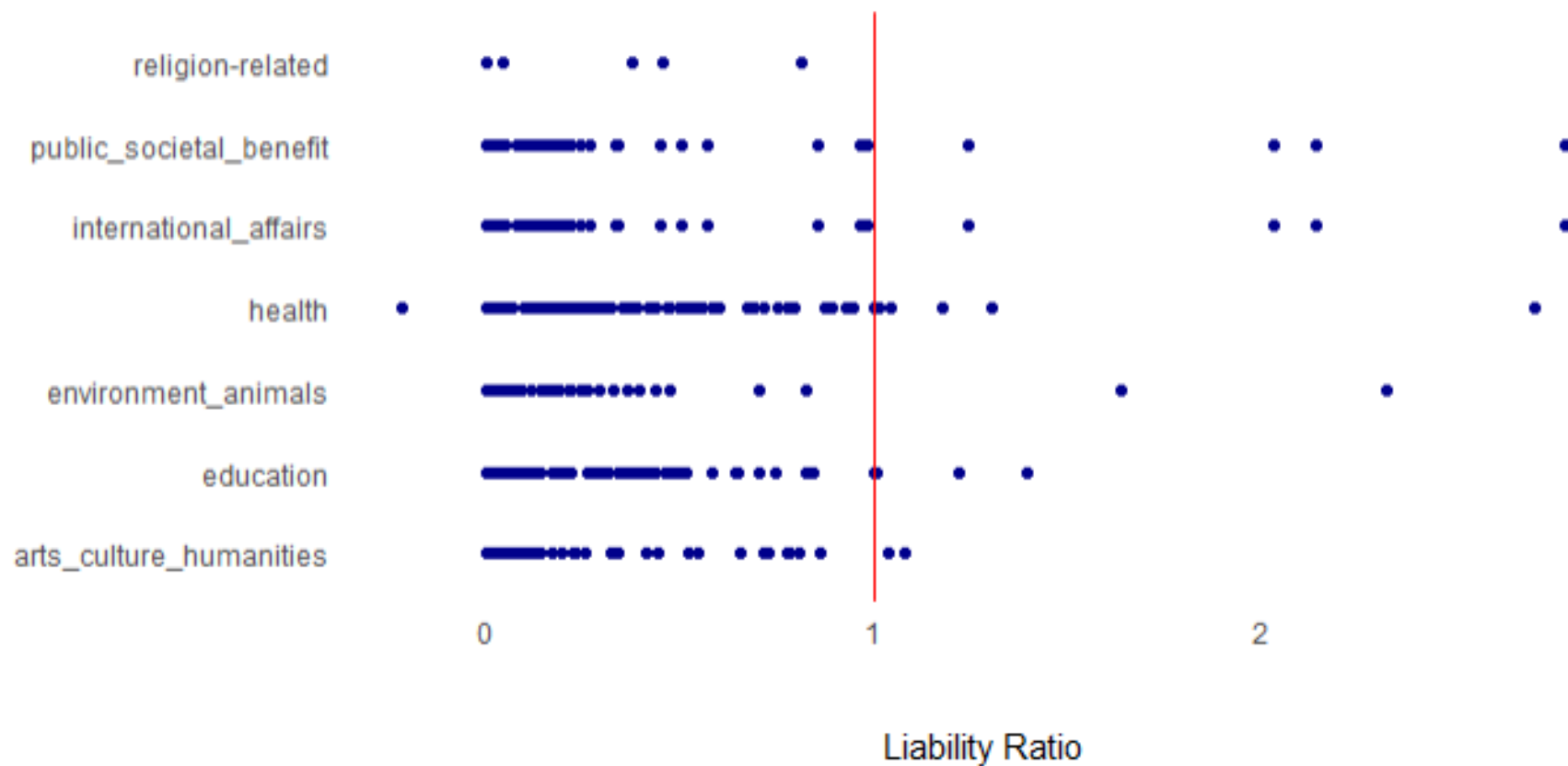
Organizations with Net Revenue < $500,000

Difference in end-of-year revenue:expense

Last two reporting years

Liability Ratios by 501c3 Category

A ratio < 1 indicates an excess of debt over assets

Liability Ratio

Challenges

1. Heterogeneity of available data
2. Repetition of information (data extraction)
3. Form sections and schedules
4. Processing time and data management
5. Quality control

No Financial Data Available

Nonprofit Explorer has no Form 990 data for **ASSOCIATION FOR SUPERVISOR AND CURRICULUM DEVELOPMENT** and this organization may not appear in the Nonprofit Explorer search.

This website only contains IRS digitized Form 990 data (dollar-figure amounts) for filings processed in 2012 and later. Only organizations which filed a full Form 990, Form 990PF, or Form 990EZ are included — small organizations (less than $50,000 in gross receipts) which file the shorter Form 990N postcard are not included in this data.

For more information on the original IRS data sources, see "Download the Data" in the right sidebar.

Opportunities – data prospecting

1. Data as service
2. API's
3. Facilitated Collaboration
4. Research – organizational leadership etc.

Next Steps

1. 990, 990EZ, 990PF
2. Form sections and schedules
3. Organizational Leadership
4. Additional metrics

Salary and fringe ratios   Program expense ratio

Primary reserve ratio   Administrative ratio

Viability ratio   Fundraising ratio

Debt equity ratio