SIRCA Mergers and Acquisitions collection

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Overview

SIRCA's Mergers and Acquisitions collection provides data on Australian M&A transactions.

The code in this note uses the packages listed below, plus the `duckdb` package.[1] This note was written using [Quarto](#) and compiled with [RStudio](#), an integrated development environment (IDE) for working with R. The source code for this note is available [here](#) and the latest PDF version is available [here](#).

```
library(tidyverse)
library(arrow)
```

Getting SIRCA Merger and Acquisitions data

SIRCA supplies the data we will use as two compressed CSV files. I provide the code needed to prepare the data for the analysis below. I merely assume that you have access to SIRCA and have downloaded the raw data from SIRCA along the lines discussed below.[2] Once you have done that you should be able to execute all the code in this note and thereby produce all the output (tables and graphs) contained herein.

You should download these files and place them *as is* in a single `sirca` directory and you should edit the code below to tell my script where to look for that directory.

In my case, `sirca` is found in `~/Dropbox/raw_data` and so I execute the following command in RStudio:

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[1]Execute `install.packages(c("tidyverse", "DBI", "duckdb", "arrow", "farr", "dbplyr"))` within R to install all the packages you need to run the code in this note. While `duckdb` and `arrow` are not listed below, they are needed to run the download script and to create the database we will use.

[2]See [SIRCA's documentation](#) for details on getting the data.

```
Sys.setenv(RAW_DATA_DIR = "~/Dropbox/raw_data")
```

The script also needs to know where to put the processed data files, which will be in parquet format. You should edit the following line to refer to a location on *your* computer that you would like to use to store processed SIRCA data.

```
Sys.setenv(DATA_DIR = "~/Dropbox/pq_data")
```

```
pq_dir <- file.path(Sys.getenv("DATA_DIR"), "sirca")
ma_delisted_file <- file.path(Sys.getenv("RAW_DATA_DIR"),
                              "sirca",
                              "Delisted_MergerAndAcquisition-2025-08.csv.gz")

ma_delisted <- read_csv(ma_delisted_file, show_col_types = FALSE)


ma_other_file <- file.path(Sys.getenv("RAW_DATA_DIR"),
                           "sirca",
                           "MergerAndAcquisition-2025-08.csv.gz")

ma_other <- read_csv(ma_other_file, show_col_types = FALSE)

si_ms_ma <-
  ma_delisted |>
  union_all(ma_other) |>
  write_parquet(sink = file.path(pq_dir, "si_ms_ma.parquet"))
```