

# Maui County Office on Aging Aging and Disability Resource Center

## What is Harmony Advance Reporting (HAR)

Harmony Advanced Reporting, also known as Microsoft SQL Server Reporting Services (SSRS), is a tool for creating customized reports from the data residing in our database, WellSky Aging and Disability. In SSRS/HAR, a SQL (Structured Query Language) query is created to specify what data to retrieve, where to get it, and how to display it. When the report is executed, the report processor takes the specified query, retrieves the data, and combines it with the report layout to generate the report.

## Sample HAR/SSRS Query

```
SELECT
HAR_CONSUMERS.FIRST_NAME
,HAR_CONSUMERS.LAST_NAME
,HAR_CONSUMERS.RES_ADDRESS1
,HAR_CONSUMERS.RES_ADDRESS2
,HAR_CONSUMERS.RES_TOWN_NAME
,HAR_CONSUMERS.RES_STATE
,HAR_CONSUMERS.RES_ZIP
,HAR_SERVICE_PLANS.SERVICE
,HAR_SERVICE_PLANS.SERVICE_ALLOCATION_START_DATE
,HAR_SERVICE_PLANS.SERVICE_ALLOCATION_STATUS
FROM
HAR_CONSUMERS
INNER JOIN HAR_SERVICE_PLANS
ON HAR_CONSUMERS.CONSUMER_UUID = HAR_SERVICE_PLANS.CONSUMER_UUID
WHERE
HAR_SERVICE_PLANS.AGENCY = N'Maui County Office on Aging'
AND HAR_CONSUMERS.IS_ACTIVE = N'Yes'
AND HAR_SERVICE_PLANS.PROVIDER = N'Agency'
AND HAR_SERVICE_PLANS.SERVICE_ALLOCATION_START_DATE >= @SERVICE_ALLOCATION_START_DATE
AND HAR_SERVICE_PLANS.SERVICE_ALLOCATION_START_DATE <= @SERVICE_ALLOCATION_START_DATE2
AND HAR_SERVICE_PLANS.SERVICE_ALLOCATION_STATUS IN (@SERVICE_ALLOCATION_STATUS)
```

## Sample HAR/SSRS Table or Matrix

Once the SQL query is defined, a table or matrix data region is created to build the final report. Upon creation of the table or matrix, further customization is available to the report writer (creator) through various methods, such as calculated fields and expressions.

FIRST NAME	LAST NAME	RES ADDRESS1	RES ADDRESS2	RES TOWN NAME	RES STATE	RES ZIP
[FIRST_NAME]	[LAST_NAME]	[RES_ADDRES	[RES_ADDRES	[RES_TOWN_N	[RES_STATE]	[RES_ZIP]

## Why is HAR/SSRS Used?

HAR/SSRS provides our AAA the ability to prepare and deliver various interactive and printed reports that are not available as canned reports in Aging and Disability. The reports can also be published and accessed on demand for end users. SSRS also has a built in scheduling tool to perform basic report deployments via email, file share, or SharePoint. In addition to making data driven business decisions, MCOA has the ability to share our story with our data through HAR/SSRS.

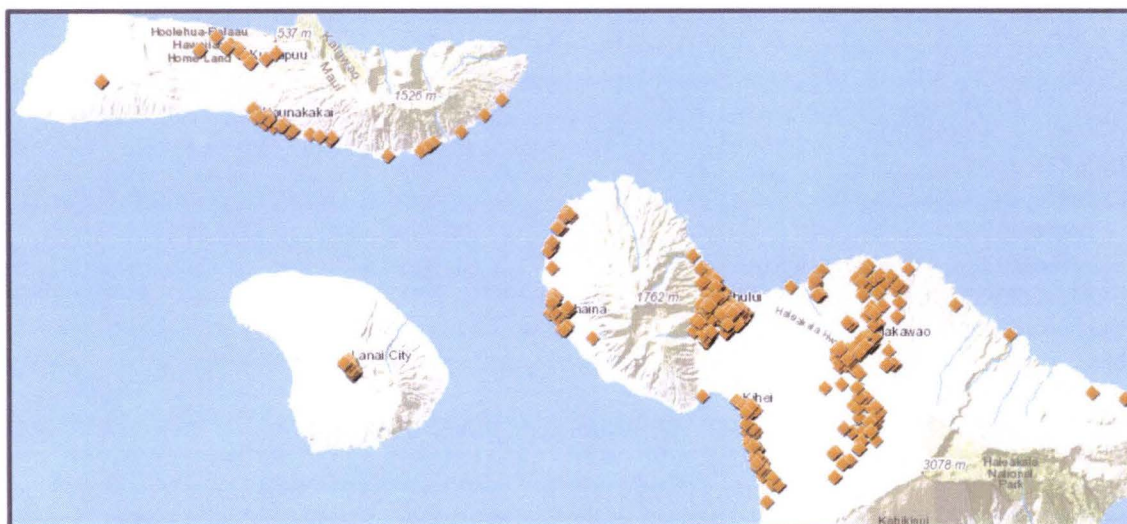
RECEIVED AT HFC MEETING ON 2/20/20  
DHHC

## Integration with Geographic Information System (ArcGIS)

After meeting with the Information Technology Services Division – GIS in May, MCOA committed to this technology. In conjunction with Harmony Advanced Reporting/SSRS, ArcGIS enables our team to visualize and analyze our agency's data. Rather than viewing our agency's information on spreadsheets, ArcGIS provides our team the ability to make maps that communicate, perform analysis, share information, and solve complex problems.

### Spreadsheet vs. ArcGIS Map for Data Visualization

FIRST NAME	LAST NAME	RES ADDRESS1	RES ADDRESS2	RES TOWN NAME	RES STATE	RES ZIP
[FIRST_NAME]	[LAST_NAME]	[RES_ADDRESS1]	[RES_ADDRESS2]	[RES_TOWN_NAME]	[RES_STATE]	[RES_ZIP]



### Current and Upcoming ArcGIS Projects

- **Emergency Preparedness Report:** Due to the fires across Maui and our concern for the safety of our participants, the Office on Aging developed an emergency preparedness report that can be integrated with ArcGIS at the Emergency Operation Center during emergencies. In addition to identifying our current participants receiving home and community-based services, this report provides key information about our community members. Examples of these data elements include whether the individual lives alone; is homebound; transfer ability; living arrangement; assistive device used; primary locomotion; etc.
- **Waitlist Prioritization Report:** In an effort to reduce the amount of time a participant waits for a service, the waitlist prioritization report will be geo-coded in ArcGIS, enabling MCOA to identify clusters of participants and ideally entice workers at provider agencies to accept participants in outlying areas.

