

EDA For OTG Data

Multiple Vendors Analysis





Division of Airports by Geographic Area

Geographical Area	Airport Codes
West Coast	DEN
Midwest	ORD 2, ORD 3, MSP, MSP 01
South	IAH B, IAH E, IAH CN, IAH CS, IAH BS, OTD T2, DCA, MCO, MCO AS4
Northeast	JFK T5, JFK T2, JFK T8, EWR, EWR C1, EWR Atrium, EWR C2, EWR C3, LGA A, LGA C, LGA D, LGA G, LGA E, LGA HH, LGA F
Canada	YYZ T1, YYZ T2, YYZ T3, YYZ

Vendors Considered

	vendor_id	num_unique_item_ids	venue_name	geographical_area	num_unique_item_names
0	11468	1663	YYZ	Canada	1666
1	11460	1616	YYZ	Canada	1623
2	11456	1616	YYZ	Canada	1622
3	11442	1616	YYZ	Canada	1620
4	11441	1616	YYZ	Canada	1620
5	11417	15952	MSP	Midwest	14328
6	11426	15891	MSP	Midwest	14260
7	11430	15864	MSP	Midwest	14259
8	11428	15854	MSP	Midwest	14234
9	11415	15831	MSP	Midwest	14203
10	11311	17061	EWR	Northeast	15339
11	11346	17070	EWR	Northeast	15330
12	11296	17054	EWR	Northeast	15320
13	11305	17058	EWR	Northeast	15320
14	11333	17043	EWR	Northeast	15306
15	11188	17062	DCA	South	15323
16	11186	16991	DCA	South	15248
17	11175	16026	IAH B	South	14445
18	11174	16011	IAH B	South	14423
19	11173	16011	IAH B	South	14423
20	11577	9455	DEN	West Coast	7733
21	11578	9175	DEN	West Coast	7485

Counts of common items across categories

Northeast

	All Item Count	Common Item Count	Common Items
item_ctg_desc			
Accessories	2	2	Go Travel Blanket Black, Go Travel Memory Foam Pillow Black
Beer	14	14	Truly Strawberry Lemonade, Hard Seltzer, White Claw Mango, Hard Seltzer, White Claw Black Cherry...
Food	159	26	White Toast, Pork Sausage, Plain Bagel, Chicken Sausage, Bacon, Everything Bagel, 3 MUSKETEERS K...
Gifts	3	3	\$1 Donation for the children of Ukraine, \$10 Donation for the children of Ukraine, \$5 Donation f...
Liquor	9	9	Aviation Gin, Tanqueray, Skyy Citrus Vodka, Lagavulin 16, Espolon Blanco, Hennessy VS, Cosmopoli...
Non Alcoholic	13	11	Sprite, Club Soda, Grapefruit Juice, Cranberry Juice, Diet Coke, Ginger Ale, Coke, Orange Juice,...
Starbucks Food	3	2	Plain Bagel, Everything Bagel
Sundries	11	11	Wish Hand Sanitizer 3.38 Oz., ALLEGRA 180MG 24-HR 5CT, Clorox Wipes On The Go, ADVIL 24CT, Drama...
Wine	4	4	Upgrade to a 9oz Glass of Wente Merlot, Upgrade to 9 oz. Verdicchio, Fazi Battaglia, Italy, Upg...

Counts of common items across categories

Midwest

item_ctg_desc	All Item Count	Common Item Count	Common Items
	1	0.0	NaN
Accessories	2	2.0	Go Travel Blanket Black, Go Travel Memory Foam Pillow Black
Beer	4	0.0	NaN
Food	195	25.0	White Toast, Pork Sausage, Plain Bagel, Chicken Sausage, Bacon, Everything Bagel, 3 MUSKETEERS K...
Gifts	3	3.0	\$1 Donation for the children of Ukraine, \$10 Donation for the children of Ukraine, \$5 Donation f...
Liquor	11	9.0	Aviation Gin, Tanqueray, Skyy Citrus Vodka, Lagavulin 16, Espolon Blanco, Hennessy VS, Cosmopoli...
Non Alcoholic	28	13.0	12 oz. CIBO Coffee, Sprite, Club Soda, Grapefruit Juice, Cranberry Juice, Diet Coke, Ginger Ale,...
Starbucks Food	2	2.0	Plain Bagel, Everything Bagel
Starbucks NA	1	0.0	NaN
Sundries	11	11.0	Wish Hand Sanitizer 3.38 Oz., ALLEGRA 180MG 24-HR 5CT, Clorox Wipes On The Go, ADVIL 24CT, Drama...
Wine	6	4.0	Upgrade to a 9oz Glass of Wente Merlot, Upgrade to 9 oz. Verdicchio, Fazi Battaglia, Italy, Upg...

Counts of common items across categories



West Coast

	All Item Count	Common Item Count	Common Items
item_ctg_desc			
Accessories	2	2	Go Travel Blanket Black, Go Travel Memory Foam Pillow Black
Food	1	1	3 MUSKETEERS KING SIZE 3.28 OZ
Liquor	1	1	Tanqueray
Non Alcoholic	2	1	San Pellegrino Limonata 330 ml



Counts of common items across categories

South

	All Item Count	Common Item Count	Common Items
Item_ctg_desc			
Accessories	2	2.0	Go Travel Blanket Black, Go Travel Memory Foam Pillow Black
Beer	38	0.0	NaN
Food	135	25.0	White Toast, Pork Sausage, Plain Bagel, Chicken Sausage, Bacon, Everything Bagel, 3 MUSKETEERS K...
Gifts	3	3.0	\$1 Donation for the children of Ukraine, \$10 Donation for the children of Ukraine, \$5 Donation f...
Liquor	22	9.0	Aviation Gin, Tanqueray, Skyy Citrus Vodka, Lagavulin 16, Espolon Blanco, Hennessy VS, Cosmopoli...
Non Alcoholic	20	11.0	Sprite, Club Soda, Grapefruit Juice, Cranberry Juice, Diet Coke, Ginger Ale, Coke, Orange Juice,...
Starbucks Food	5	2.0	Plain Bagel, Everything Bagel
Sundries	11	11.0	Wish Hand Sanitizer 3.38 Oz., ALLEGRA 180MG 24-HR SCT, Clorox Wipes On The Go, ADVIL 24CT, Drama...
Wine	7	4.0	Upgrade to a 9oz Glass of Wente Merlot, Upgrade to 9 oz. Verdicchio, Fazi Battaglia, Italy, Upg...

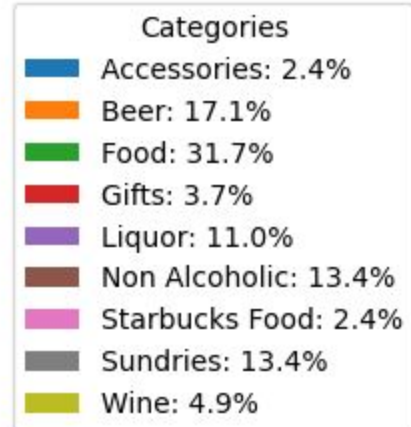
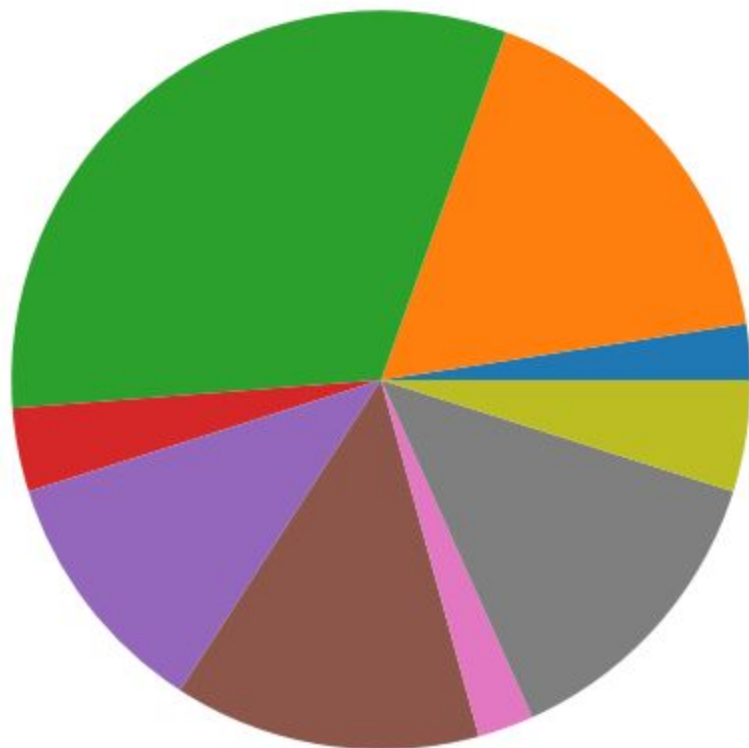


Counts of common items across categories

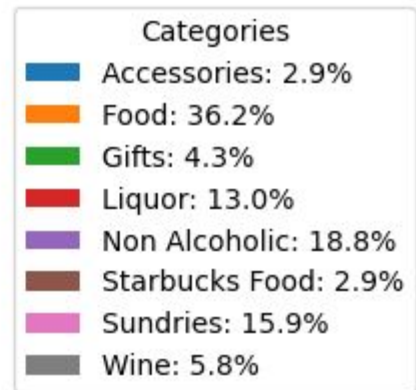
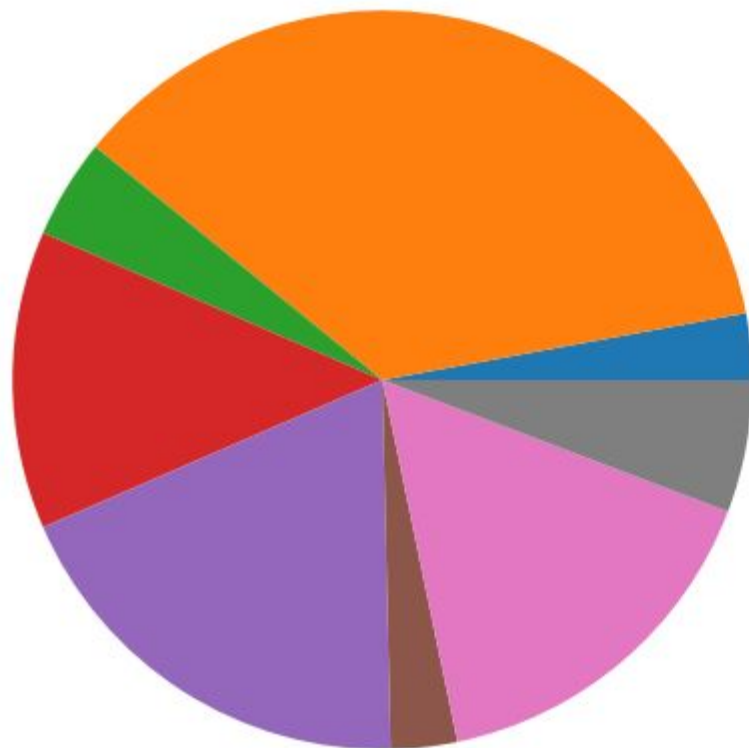
Canada

	All Item Count	Common Item Count	Common Items
Item_ctg_desc			
Food	57	25	White Toast, Pork Sausage, Plain Bagel, Chicken Sausage, Bacon, Everything Bagel, Test Item, Cro...
Gifts	3	3	\$1 Donation for the children of Ukraine, \$10 Donation for the children of Ukraine, \$5 Donation f...
Liquor	8	8	Aviation Gin, Skyy Citrus Vodka, Lagavulin 16, Espolon Blanco, Hennessy VS, Cosmopolitan, New Am...
Non Alcoholic	14	11	Sprite, Club Soda, Grapefruit Juice, Cranberry Juice, Diet Coke, Ginger Ale, Coke, Orange Juice,...
Starbucks Food	2	2	Plain Bagel, Everything Bagel
Wine	4	4	Upgrade to a 9oz Glass of Wente Merlot, Upgrade to 9 oz. Verdicchio, Fazi Battaglia, Italy, Upg...

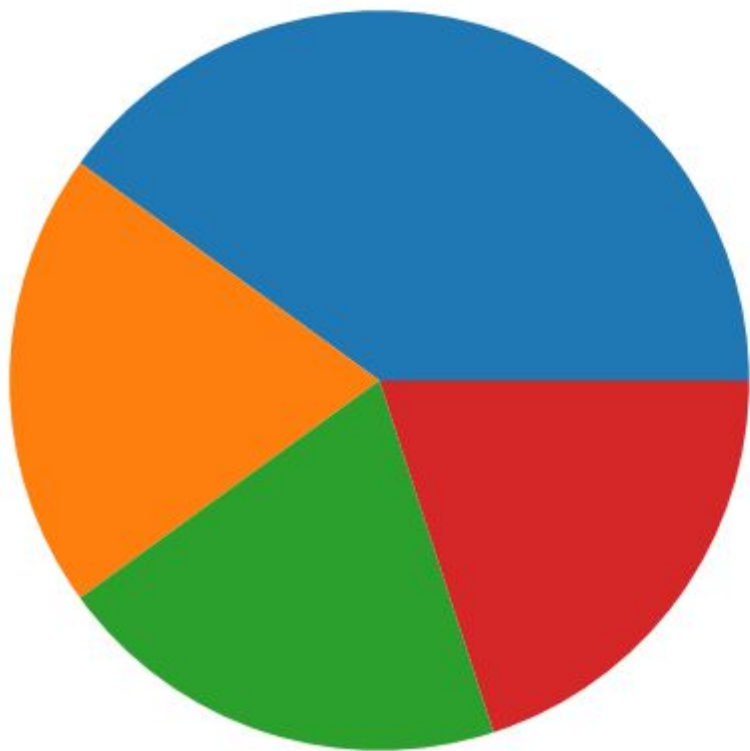
Common items category distribution for northeast



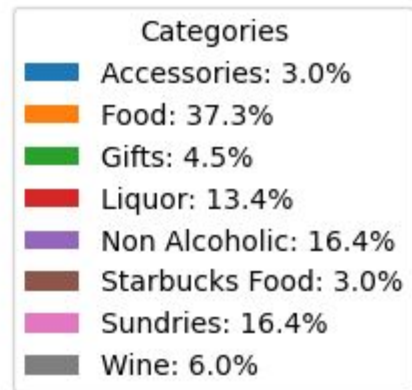
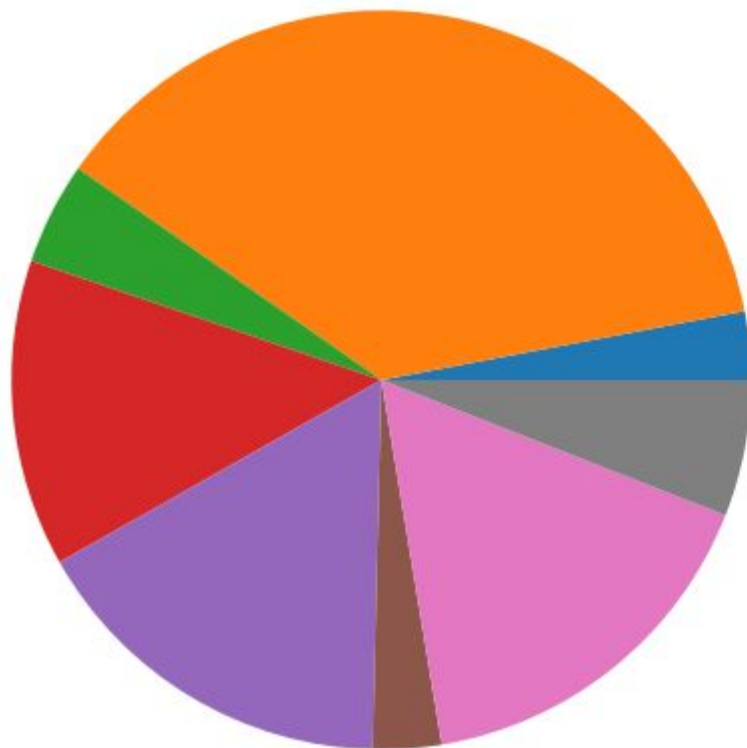
Common items category distribution for midwest



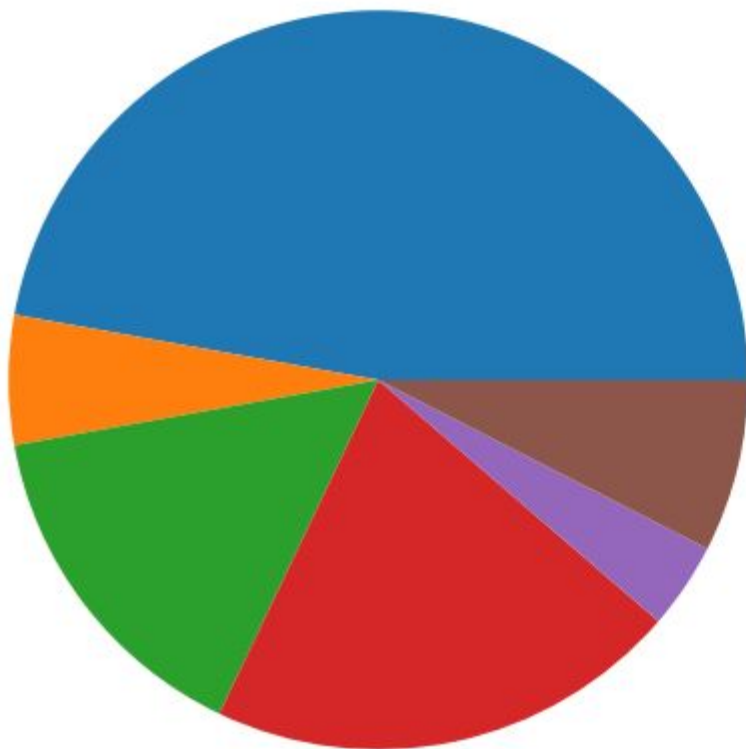
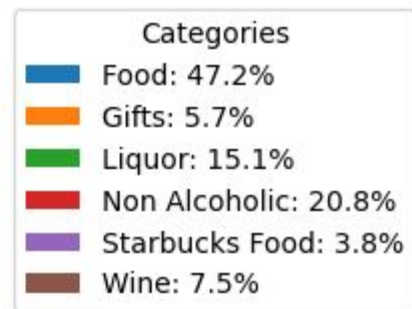
Common items category distribution for westcoast



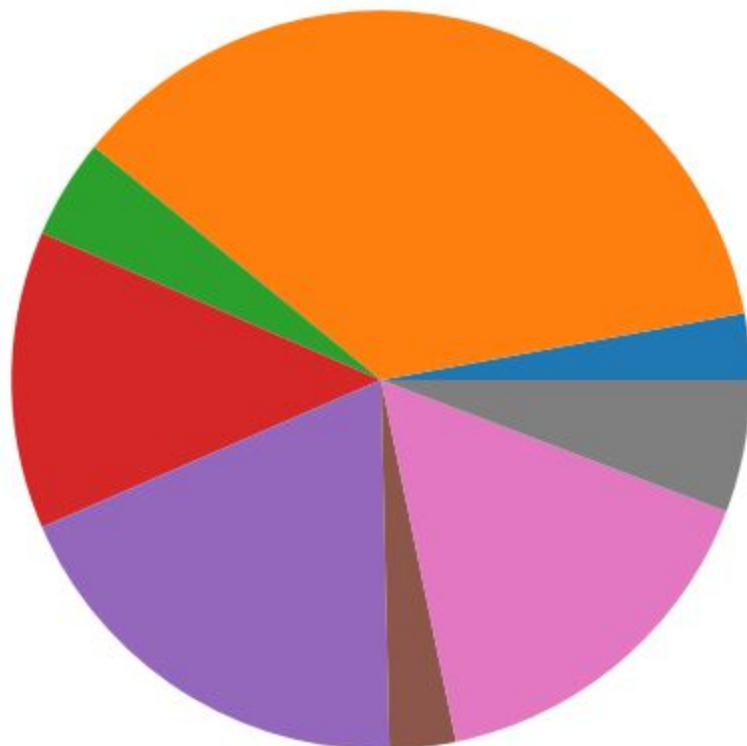
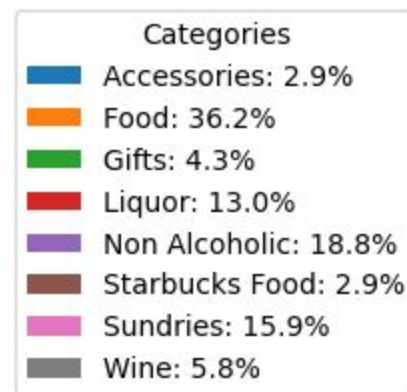
Common items category distribution for south



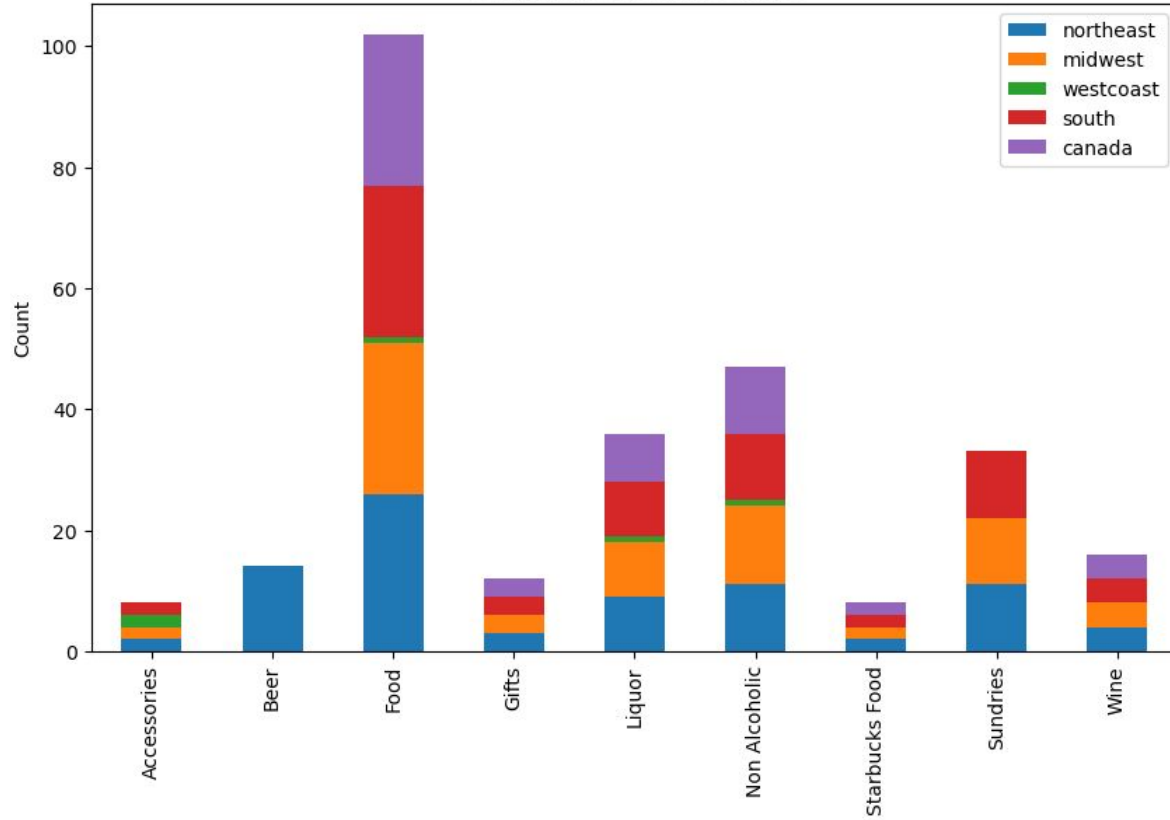
Common items category distribution for canada



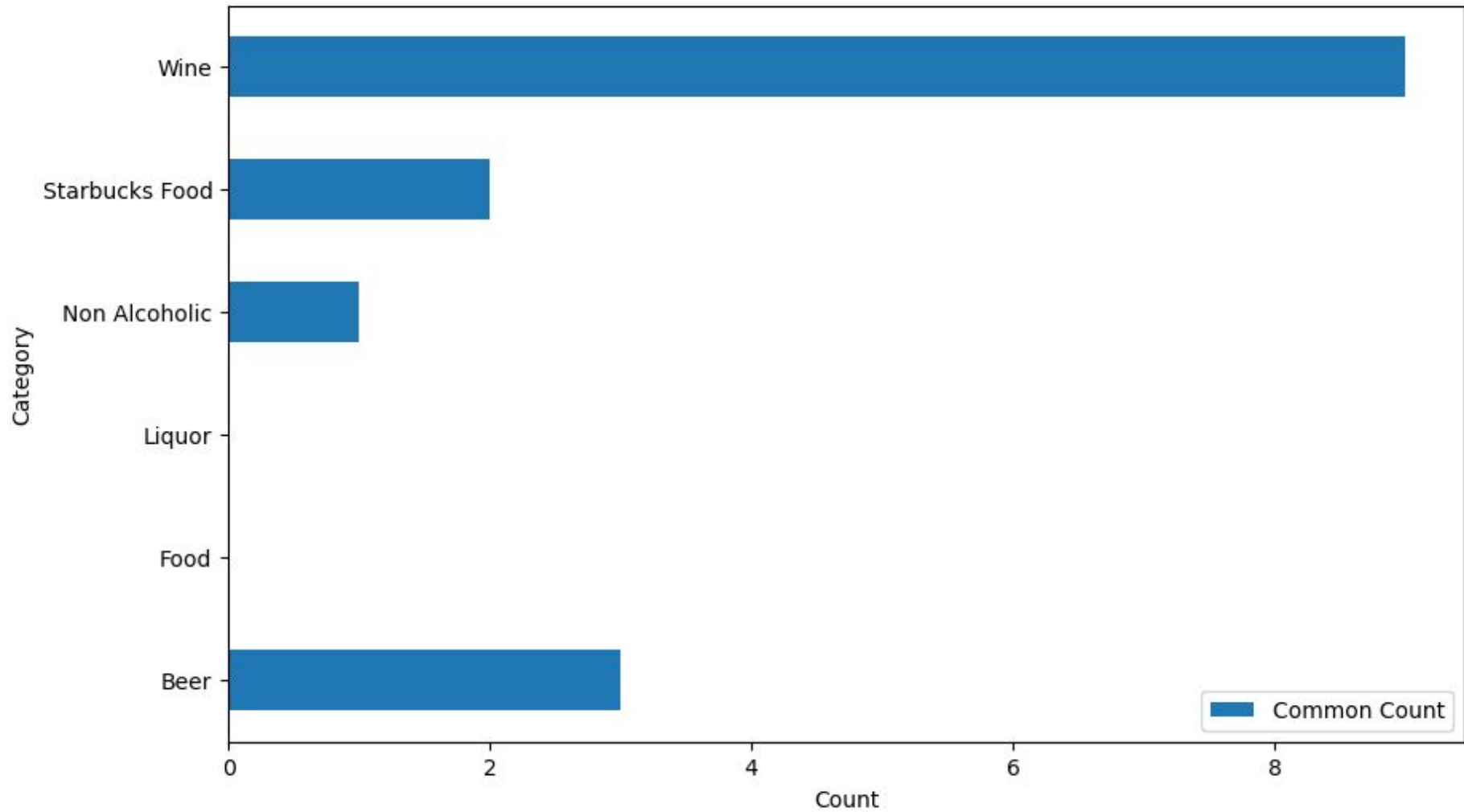
Common items category distribution for midwest



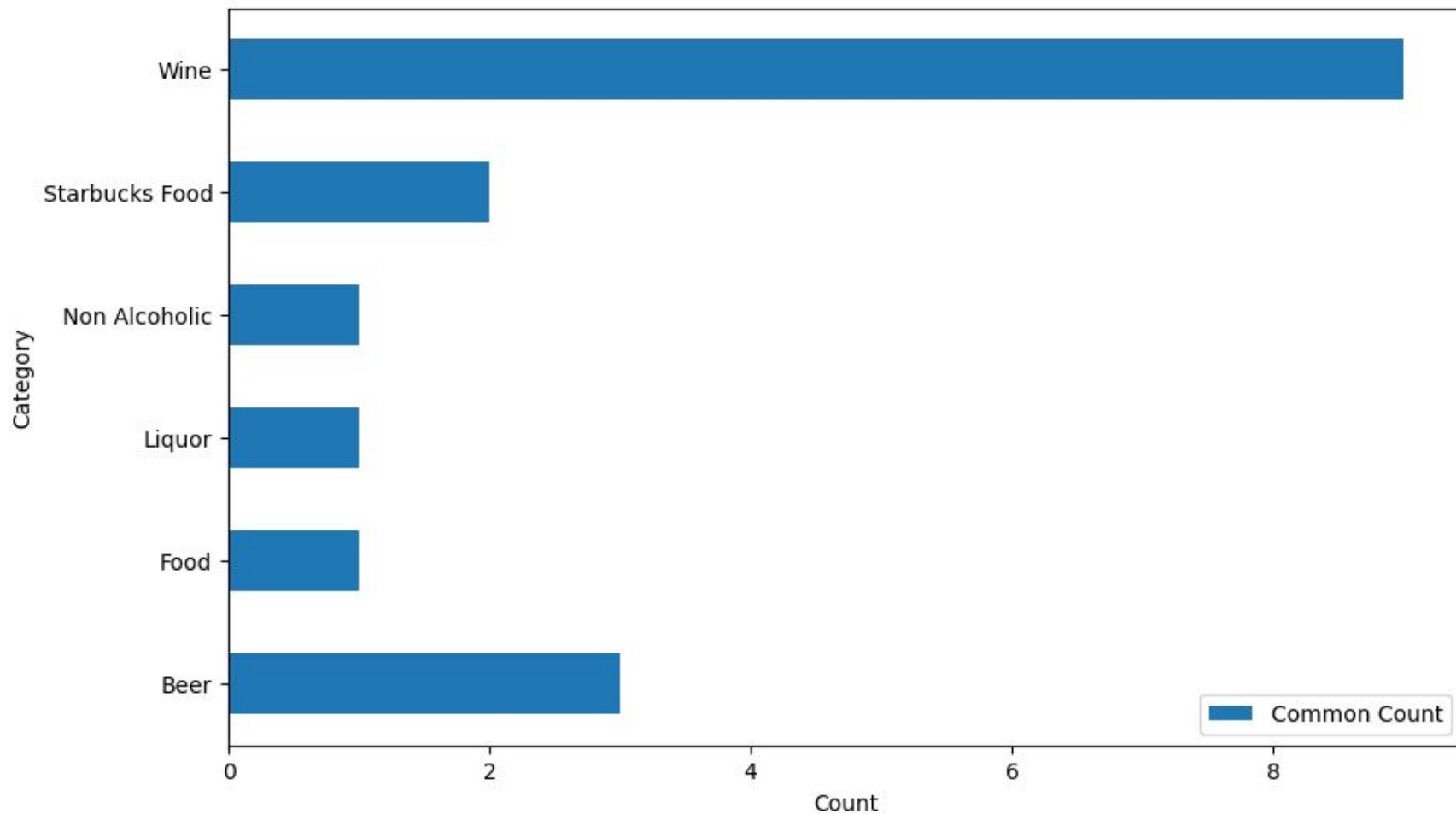
Counts of Common Items across areas



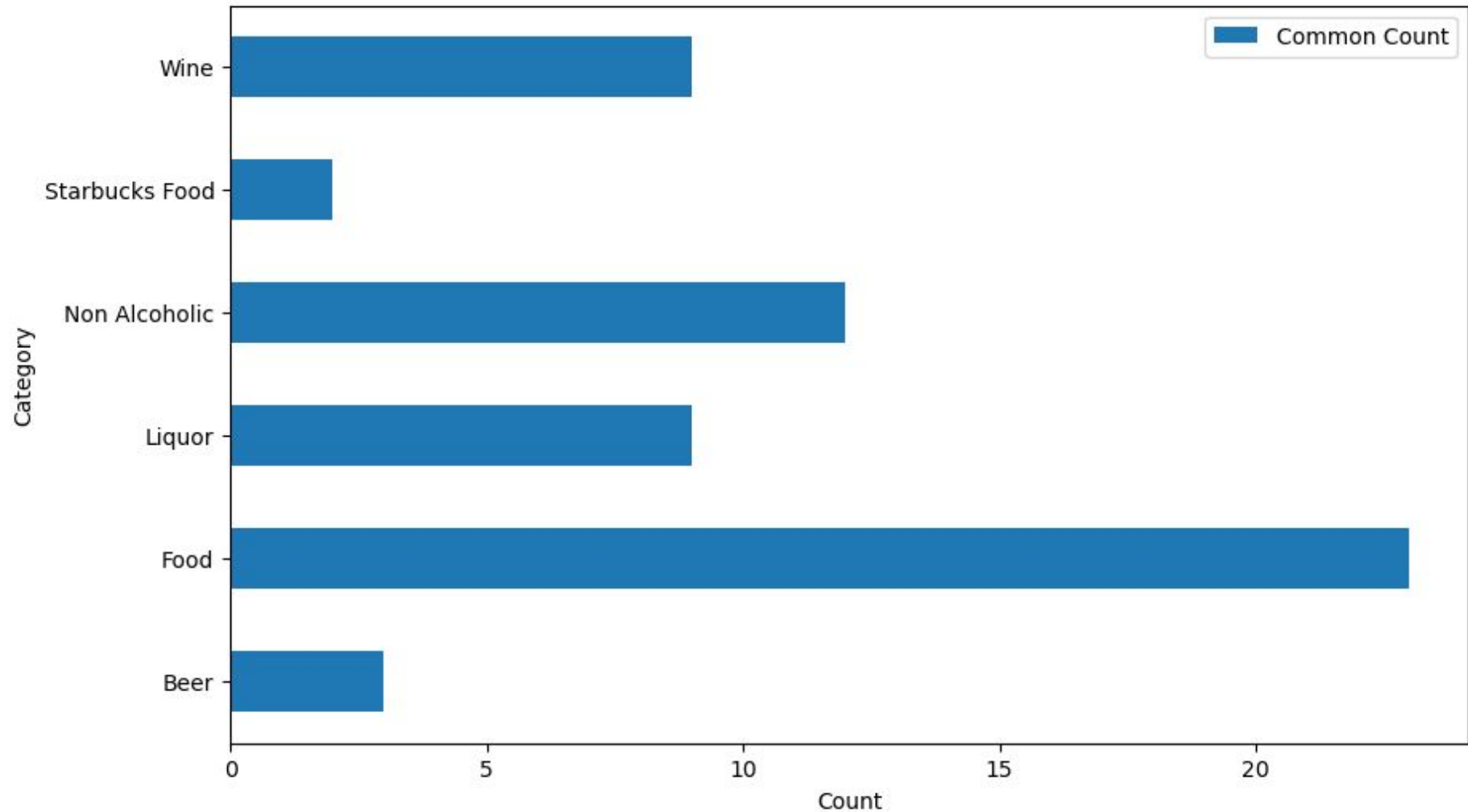
Counts of common items across all areas



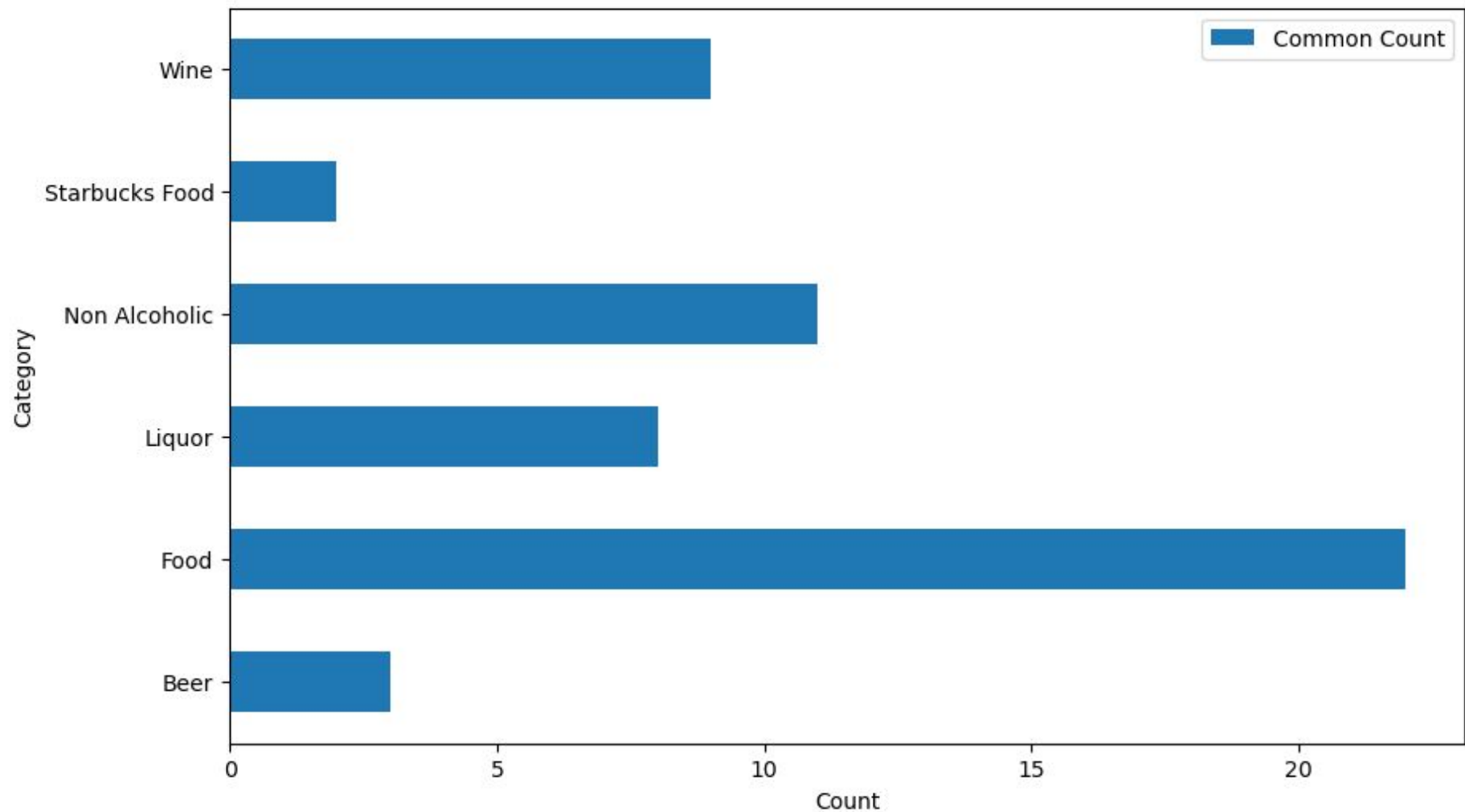
Counts of common items across areas: northeast, midwest, westcoast



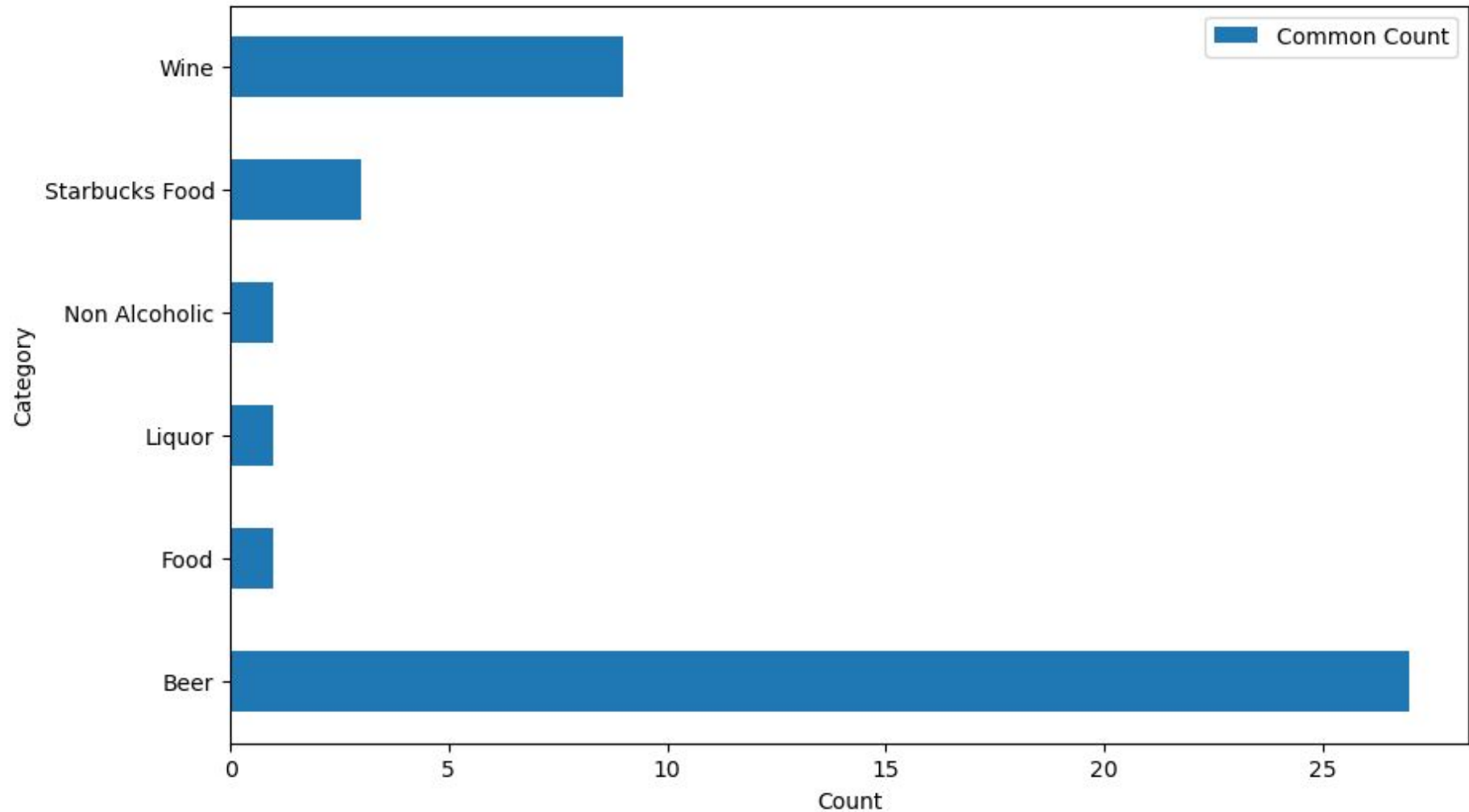
Counts of common items across areas: northeast, midwest, south



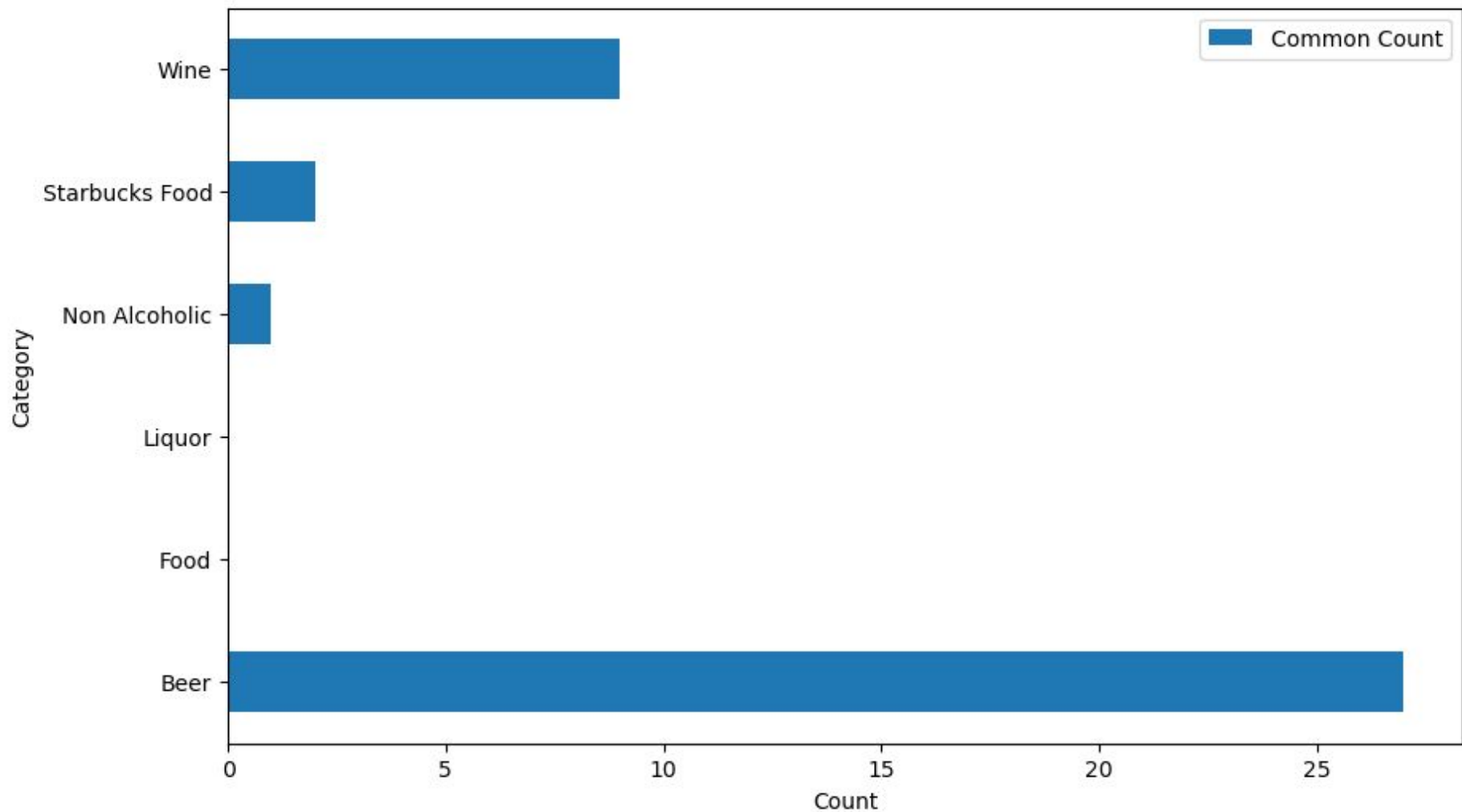
Counts of common items across areas: northeast, midwest, canada



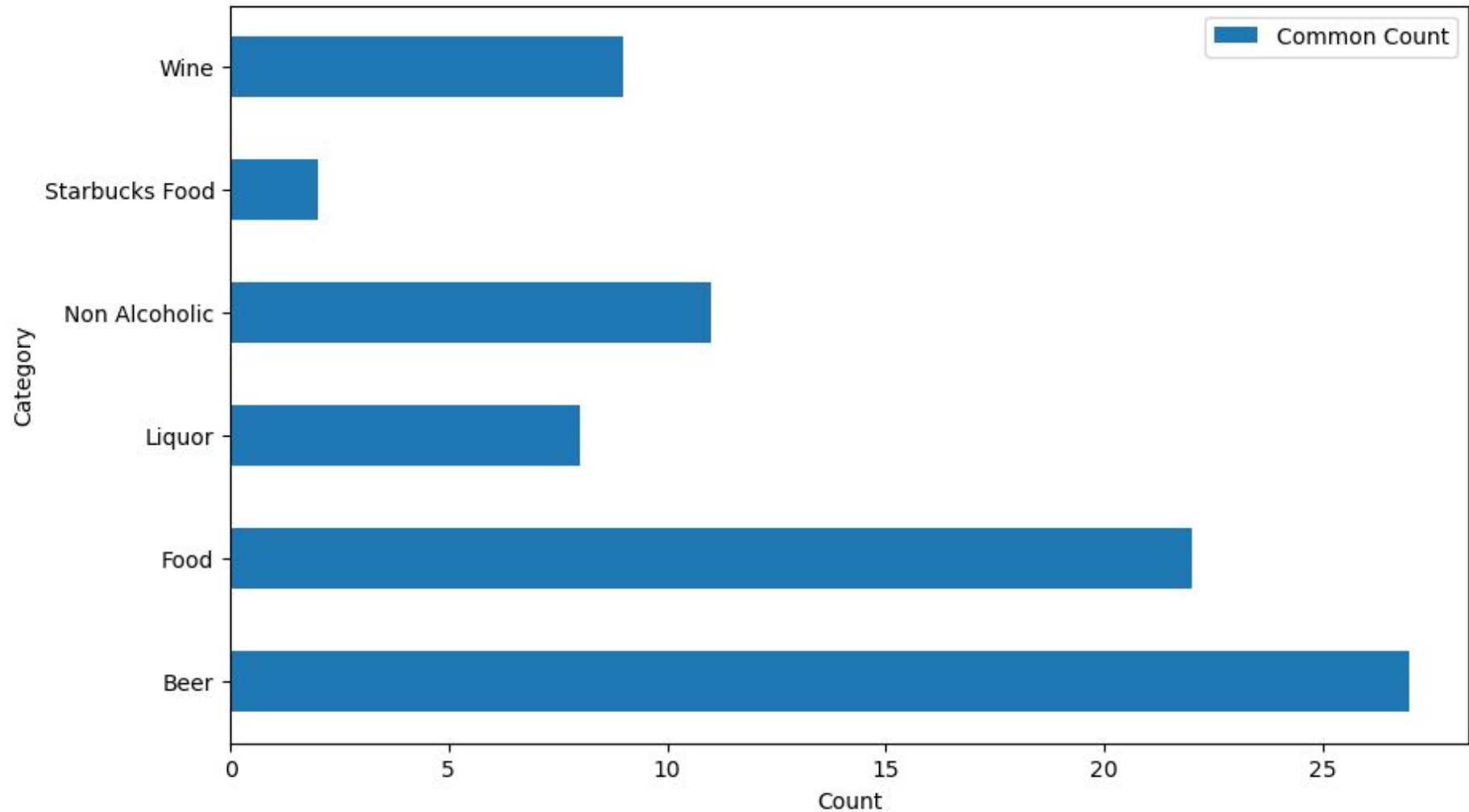
Counts of common items across areas: northeast, westcoast, south



Counts of common items across areas: northeast, westcoast, canada



Counts of common items across areas: northeast, south, canada



Counts of common items across areas: midwest, westcoast, south

Category

Wine

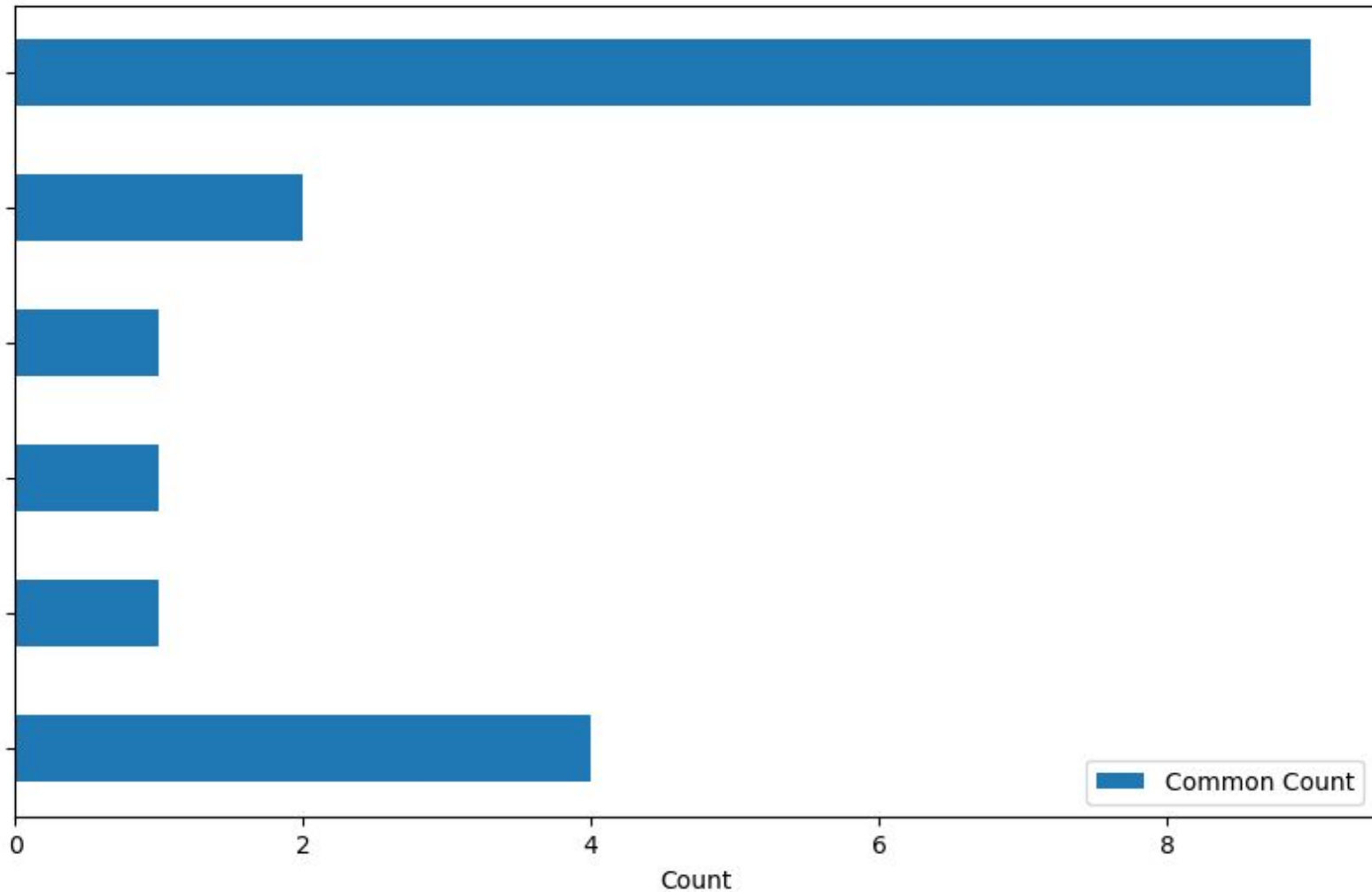
Starbucks Food

Non Alcoholic

Liquor

Food

Beer



Counts of common items across areas: midwest, westcoast, canada

Category

Wine

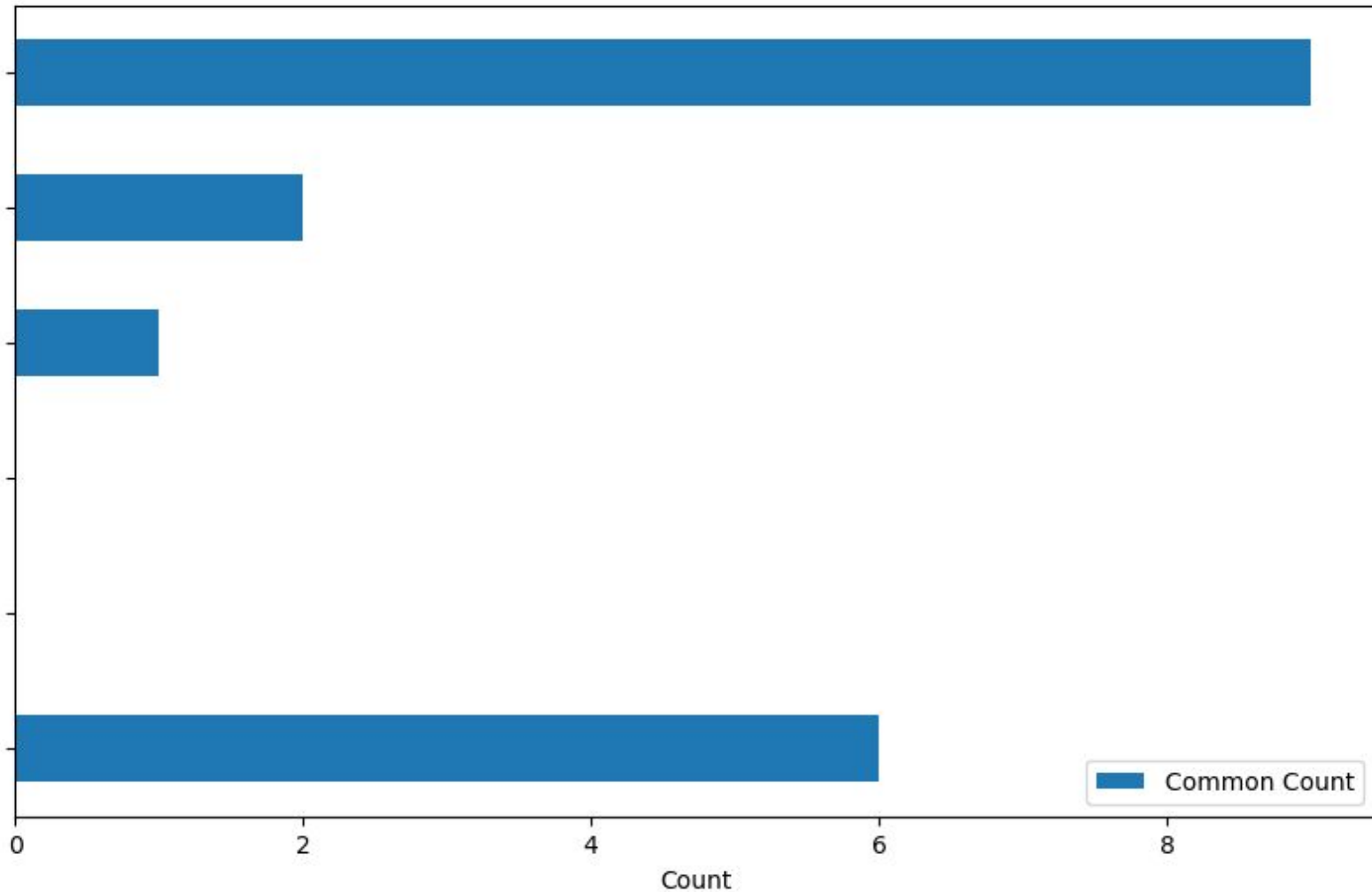
Starbucks Food

Non Alcoholic

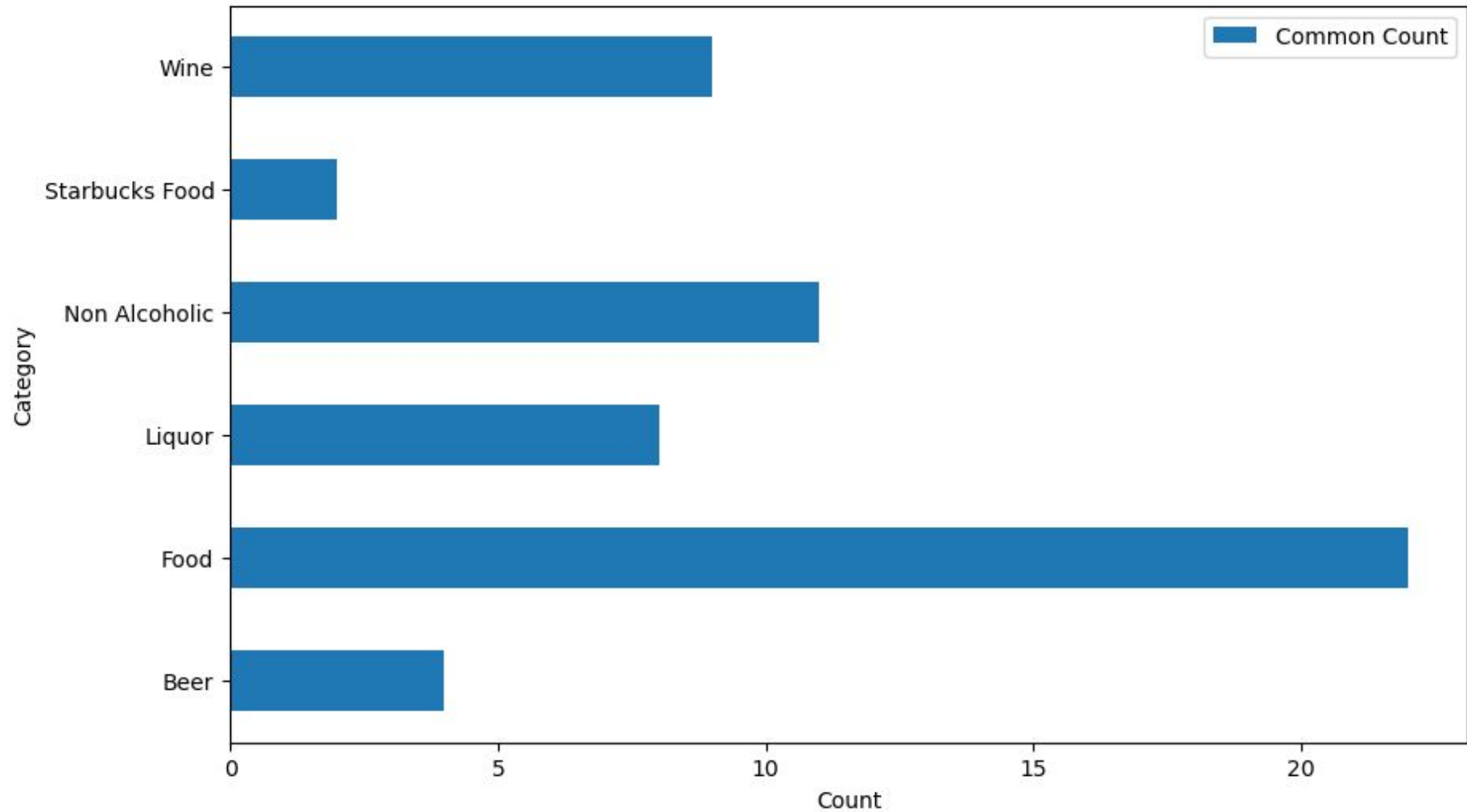
Liquor

Food

Beer



Counts of common items across areas: midwest, south, canada



Counts of common items across areas: westcoast, south, canada

