

AWS Cost and Resource Report (Last 6 Months: Nov 2024 - May 2025)

This report provides an overview of your AWS costs for the past six months and a detailed inventory of key resources.

1. AWS Cost Overview (Last 6 Months)

The following table summarizes your AWS spending per service for each month from November 2024 to May 2025. Services with zero cost have been excluded, and the remaining services are sorted by cost in descending order for each month.

Month	Service	Cost (USD)
Nov 2024		
	Amazon Relational Database Service	82.21
	EC2 - Other	34.29
	Amazon Simple Storage Service	23.49
	Amazon ElastiCache	15.60
	Amazon Elastic Load Balancing	12.84
	Amazon Elastic Compute Cloud - Compute	10.72
	AmazonCloudWatch	8.34
	Amazon Virtual Private Cloud	4.96
	Amazon GuardDuty	2.41
	Amazon EC2 Container Registry (ECR)	0.62
	AWS Key Management Service	0.33
	AWS Security Hub	0.32
Dec 2024		
	Amazon Relational Database Service	2268.15
	Tax	428.70
	EC2 - Other	182.57
	Amazon Simple Storage Service	142.50
	Amazon Elastic Load Balancing	97.27
	Amazon Elastic Compute Cloud - Compute	57.15

Month	Service	Cost (USD)
	Amazon ElastiCache	48.36
	AmazonCloudWatch	30.02
	Amazon Virtual Private Cloud	16.77
	Amazon GuardDuty	10.78
	Amazon EC2 Container Registry (ECR)	1.98
	AWS Key Management Service	1.00
	AWS Security Hub	0.99

Jan 2025

	Amazon Relational Database Service	1676.31
	Tax	335.39
	Amazon Elastic Compute Cloud - Compute	192.35
	EC2 - Other	150.80
	Amazon Simple Storage Service	64.01
	Amazon ElastiCache	48.36
	Amazon Elastic Load Balancing	42.18
	AmazonCloudWatch	31.52
	Amazon Virtual Private Cloud	17.91
	Amazon GuardDuty	8.96
	Amazon EC2 Container Registry (ECR)	2.31
	AWS Key Management Service	1.00
	AWS Security Hub	0.99

Feb 2025

	Amazon Relational Database Service	777.24
	Amazon Elastic Compute Cloud - Compute	248.70
	Tax	200.00
	EC2 - Other	109.15
	Amazon Simple Storage Service	73.17
	Amazon ElastiCache	43.68
	AmazonCloudWatch	31.42

Month	Service	Cost (USD)
	Amazon Elastic Load Balancing	21.86
	Amazon Virtual Private Cloud	16.62
	Amazon GuardDuty	7.43
	Amazon EC2 Container Registry (ECR)	2.45
	AWS Key Management Service	1.00
	AWS Security Hub	0.90
Mar 2025		
	Amazon Relational Database Service	882.66
	Amazon Elastic Compute Cloud - Compute	253.27
	Tax	222.75
	EC2 - Other	108.09
	Amazon Simple Storage Service	102.17
	Amazon ElastiCache	48.36
	AmazonCloudWatch	36.47
	Amazon Elastic Load Balancing	22.06
	Amazon Virtual Private Cloud	19.65
	Amazon GuardDuty	8.27
	Amazon EC2 Container Registry (ECR)	2.57
	AWS Key Management Service	1.00
	AWS Security Hub	0.99
	Amazon Elastic Container Service	0.66
	AWS CloudShell	0.02
	Amazon Cognito	0.02
Apr 2025		
	Amazon Relational Database Service	854.65
	Amazon Elastic Compute Cloud - Compute	211.37
	Tax	199.43
	EC2 - Other	90.63
	AmazonCloudWatch	55.22

Month	Service	Cost (USD)
	Amazon ElastiCache	46.80
	Amazon Elastic Load Balancing	27.26
	Amazon Virtual Private Cloud	21.07
	Amazon Simple Storage Service	10.96
	Amazon GuardDuty	6.96
	Amazon EC2 Container Registry (ECR)	2.71
	Amazon Elastic Container Service	1.03
	AWS Key Management Service	1.00
	AWS Security Hub	0.96
	Amazon Cognito	0.02
	AWS Systems Manager	0.00
	Amazon API Gateway	0.00
	AWS IoT	0.00
	Amazon DynamoDB	0.00
	CloudWatch Events	0.00
May 2025 (so far)		
	Amazon Relational Database Service	569.42
	Tax	130.21
	Amazon Elastic Compute Cloud - Compute	124.91
	EC2 - Other	56.13
	Amazon ElastiCache	31.20
	AmazonCloudWatch	30.96
	Amazon Elastic Load Balancing	18.31
	Amazon Virtual Private Cloud	13.63
	Amazon Simple Storage Service	8.81
	Amazon GuardDuty	3.98
	Amazon EC2 Container Registry (ECR)	1.80
	AWS Key Management Service	0.65
	AWS Security Hub	0.64

Month	Service	Cost (USD)
	AWS Cost Explorer	0.17
	Amazon Cognito	0.02

Note: Costs are rounded to two decimal places. May 2025 costs are estimated as the month is not yet complete.

2. Detailed Resource Inventory

2.1. Amazon Relational Database Service (RDS)

- **DB Instances:**
 - **Identifier:** `production-db`
 - Class: `db.t4g.2xlarge`
 - Engine: PostgreSQL 16.4
 - Status: available
 - Endpoint: `production-db.cvzg0aws9ucs.us-east-2.rds.amazonaws.com:5432`
 - Allocated Storage: 50 GB
 - Multi-AZ: True
 - Read Replicas: `public-db-read-replica`
 - Storage Encrypted: True
 - Deletion Protection: True
 - **Identifier:** `public-db-read-replica`
 - Class: `db.t4g.large`
 - Engine: PostgreSQL 16.4
 - Status: available
 - Endpoint: `public-db-read-replica.cvzg0aws9ucs.us-east-2.rds.amazonaws.com:5432`
 - Allocated Storage: 50 GB
 - Source DB: `production-db`
 - Publicly Accessible: True
 - Storage Encrypted: True
 - Deletion Protection: True

2.2. Amazon ElastiCache

- **Cache Clusters:**
 - **Identifier:** `lms-backend-cluster`
 - Node Type: `cache.t4g.medium`
 - Engine: Redis 7.1.0
 - Status: available
 - Number of Cache Nodes: 1
 - Preferred Availability Zone: `us-east-2a`

2.3. Amazon Elastic Container Service (ECS)

- **Cluster:** `lms-backend-application`
 - ARN: `arn:aws:ecs:us-east-2:077143350556:cluster/lms-backend-application`
 - Status: ACTIVE
 - Registered Container Instances: 6
 - Running Tasks: 6
 - Pending Tasks: 0
 - Active Services: 3
 - Capacity Providers: `lms-ecs-server-capacity-provider`, `lms-ecs-worker-capacity-provider`
 - **Services:**
 - **Name:** `worker-sumaya369-production`
 - ARN: `arn:aws:ecs:us-east-2:077143350556:service/lms-backend-application/worker-sumaya369-production`
 - Status: ACTIVE
 - Desired Count: 2
 - Running Count: 2
 - Task Definition: `arn:aws:ecs:us-east-2:077143350556:task-definition/worker-sumaya369-production:276`
 - **Tasks:**
 - `arn:aws:ecs:us-east-2:077143350556:task/lms-backend-application/51f1b87a3f084e27a8b2223f2bc4b26e`
 - Container Instance ARN: `arn:aws:ecs:us-east-2:077143350556:container-instance/lms-backend-application/c354aa2ef1c845fb8ca1f220dff58de6`
 - Image: `077143350556.dkr.ecr.us-east-2.amazonaws.com/sumaya369-production:33aa3d0`
 - Health Status: HEALTHY
 - `arn:aws:ecs:us-east-2:077143350556:task/lms-backend-application/590919c7069545f3b3b2dd8a1e5d7df1`
 - Container Instance ARN: `arn:aws:ecs:us-east-2:077143350556:container-instance/lms-backend-application/c354aa2ef1c845fb8ca1f220dff58de6`
 - Image: `077143350556.dkr.ecr.us-east-2.amazonaws.com/sumaya369-production:33aa3d0`
 - Health Status: HEALTHY
 - **Name:** `laravel-sumaya369-production`
 - ARN: `arn:aws:ecs:us-east-2:077143350556:service/lms-backend-application/laravel-sumaya369-production`
 - Status: ACTIVE
 - Desired Count: 4
 - Running Count: 4
 - Task Definition: `arn:aws:ecs:us-east-2:077143350556:task-definition/laravel-sumaya369-production:277`

- Load Balancer Target Group: `arn:aws:elasticloadbalancing:us-east-2:077143350556:targetgroup/lms-backend-application/78e927c858f41504`
- **Tasks:**
 - `arn:aws:ecs:us-east-2:077143350556:task/lms-backend-application/7955d8fc90524848a75c2d338f0e63a0`
 - Container Instance ARN: `arn:aws:ecs:us-east-2:077143350556:container-instance/lms-backend-application/0d08bc97125d41429097513944b7eb2e`
 - Private IP: `21.0.3.172`
 - Image: `077143350556.dkr.ecr.us-east-2.amazonaws.com/sumaya369-production:33aa3d0`
 - Health Status: HEALTHY
 - `arn:aws:ecs:us-east-2:077143350556:task/lms-backend-application/aedf6f05dc4b4ba887d6fd587a2171e8`
 - Container Instance ARN: `arn:aws:ecs:us-east-2:077143350556:container-instance/lms-backend-application/5465088b232e405f803c117f7bafc219`
 - Private IP: `21.0.1.182`
 - Image: `077143350556.dkr.ecr.us-east-2.amazonaws.com/sumaya369-production:33aa3d0`
 - Health Status: HEALTHY
 - `arn:aws:ecs:us-east-2:077143350556:task/lms-backend-application/e750d096eb19431f80205e92487dc6c3`
 - Container Instance ARN: `arn:aws:ecs:us-east-2:077143350556:container-instance/lms-backend-application/85093eb358e5475aa0bf1bd6c45a7855`
 - Private IP: `21.0.3.238`
 - Image: `077143350556.dkr.ecr.us-east-2.amazonaws.com/sumaya369-production:33aa3d0`
 - Health Status: HEALTHY
 - `arn:aws:ecs:us-east-2:077143350556:task/lms-backend-application/ed33eda57baf451489f26717453f86cb`
 - Container Instance ARN: `arn:aws:ecs:us-east-2:077143350556:container-instance/lms-backend-application/b8292c626dc04230ad84b83036f4e6c7`
 - Private IP: `21.0.2.102`
 - Image: `077143350556.dkr.ecr.us-east-2.amazonaws.com/sumaya369-production:33aa3d0`
 - Health Status: HEALTHY
- **Name:** `datadog-sumaya369-production`
 - ARN: `arn:aws:ecs:us-east-2:077143350556:service/lms-backend-application/datadog-sumaya369-production`
 - Status: ACTIVE
 - Desired Count: 0

- Running Count: 0
- Task Definition: `arn:aws:ecs:us-east-2:077143350556:task-definition/datadog-agent-task:1`
- (No running tasks)

2.4. Amazon CloudWatch

- **Log Groups:**
 - `/aws/ecs/containerinsights/lms-backend-application/performance` (Retention: 1 day)
 - `/aws/lambda/laravel_schedule` (Retention: 60 days)
 - `/aws/lambda/one_minute_lambda` (Retention: 60 days)
 - `/aws/rds/instance/production-db/postgresql`
 - `/aws/rds/instance/production-db/upgrade`
 - `ecs-sumaya369-production`
 - `ecs-worker-sumaya369-production`
 - `lms-backend-vpc-log-group` (Retention: 60 days)

2.5. Amazon Elastic Load Balancing (ELB)

- **Application Load Balancers:**
 - **Name:** `lms-backend-application`
 - ARN: `arn:aws:elasticloadbalancing:us-east-2:077143350556:loadbalancer/app/lms-backend-application/8b0ac90a355b22c5`
 - DNS Name: `lms-backend-application-819846482.us-east-2.elb.amazonaws.com`
 - Scheme: internet-facing
 - VPC ID: `vpc-0c4471dcb44e48607`
 - Type: application
 - **Listeners:**
 - ARN: `arn:aws:elasticloadbalancing:us-east-2:077143350556:listener/app/lms-backend-application/8b0ac90a355b22c5/b4194d25ad934c0e`
 - Port: 443
 - Protocol: HTTPS
 - Default Target Group: `arn:aws:elasticloadbalancing:us-east-2:077143350556:targetgroup/lms-backend-application/78e927c858f41504`
 - **Target Groups:**
 - **Name:** `lms-backend-application`
 - ARN: `arn:aws:elasticloadbalancing:us-east-2:077143350556:targetgroup/lms-backend-application/78e927c858f41504`
 - Protocol: HTTP
 - Port: 80

- Target Type: ip
- Health Check Path: `/healthcheck`
- **Target Health:**
 - `21.0.3.172:80` (us-east-2c) - healthy
 - `21.0.1.182:80` (us-east-2a) - healthy
 - `21.0.3.238:80` (us-east-2c) - healthy
 - `21.0.2.102:80` (us-east-2b) - healthy

2.6. Amazon Virtual Private Cloud (VPC)

- **VPCs:**

- **ID:** `vpc-0de008ab265fb7af4`
 - CIDR: `172.31.0.0/16`
 - Is Default: True
- **ID:** `vpc-0c4471dcb44e48607` (Name: `lms-vpc`)
 - CIDR: `21.0.0.0/16`
 - Is Default: False
 - **Subnets (Partial List for lms-vpc):**
 - `subnet-0eeb3f9ba9d1e47c8` (Private, `21.0.3.0/24`, us-east-2c)
 - `subnet-0cdbd6e116427a0e0` (Private, `21.0.2.0/24`, us-east-2b)
 - `subnet-0522504979f06e7fe` (Private, `21.0.1.0/24`, us-east-2a)
 - `subnet-0187214e229fcb18e` (Public, `21.0.6.0/24`, us-east-2c)
 - `subnet-0eb554ab5b0932757` (elasticache, `21.0.10.0/24`, us-east-2a)
 - `subnet-01b040dcbe418b4d1` (Database, `21.0.8.0/24`, us-east-2b)
 - `subnet-0d07a303dc4ff15fb` (Database, `21.0.7.0/24`, us-east-2a)
 - `subnet-028193dabea7bd536` (Public, `21.0.5.0/24`, us-east-2b)
 - `subnet-037fd38b223306cff` (elasticache, `21.0.11.0/24`, us-east-2b)
 - `subnet-0ec78170cb1f3a48e` (elasticache, `21.0.12.0/24`, us-east-2c)
 - `subnet-0b9febea9a7a5c959` (Public, `21.0.4.0/24`, us-east-2a)
 - `subnet-0d0c583ec9b200bc9` (Database, `21.0.9.0/24`, us-east-2c)
 - **Security Groups (Partial List for lms-vpc):**
 - `sg-05836519ac87ab36f` (Name: `lms-backend Loadbalancer SG`)
 - `sg-0e89116ef4beb1594` (Name: `lms-laravel container SG`)
 - `sg-0a152f131d9fb415e` (Name: `jmeter-sg`)
 - `sg-0ef46a9a53953bca7` (Name: `lms-laravel Loadbalancer SG`)
 - `sg-0d733fdecbb37b7a9` (Name: `db-middleware`)
 - `sg-0cf17662a3a54d471` (Name: `lms-backend ec2 SG`)
 - `sg-000899776347fbd97` (Name: `Redis SG`)
 - `sg-07119b2381a3d3505` (Name: `lms-backend postgresSQL RDS SG`)
 - `sg-0615f304a8f9d57d7` (Name: `lms-ecs ec2 SG`)
 - `sg-062ee057df2fe31c2` (Name: `public-read-replica-sg`)
 - `sg-0879910f684dc34a1` (Name: `default`)
 - **Route Tables (for lms-vpc):**
 - `rtb-0777ba3f9d8122c4c` (Main route table, routes to local)
 - `rtb-05cbfaba087aaade3` (Name: `lms-vpc-lms-vpc public subnet`, routes to local and IGW `igw-001215c6ec8ad53ba`)

- `rtb-0d9a79b5e23c3f515` (Name: `lms-vpc-lms-vpc private subnet`, routes to local and NAT Gateway `nat-0f2e426f4aa83f470`)

2.7. Amazon Simple Storage Service (S3)

- **Buckets:**

- `artillery-dltcommonresourceslogsbucket48a2774d-ceelkapvrk9v`
- `artillery-dltconsoleresourcesdlcloudfronttos3s3bu-o0xujevrribc`
- `artillery-dlttestrunnerstoragedltscenariosbucketa9-ts2kiadrbp7c`
- `elasticbeanstalk-us-east-2-077143350556`
- `sumaya369-production-deploy`
- `sumaya369-production-env`
- `sumaya369-production-fire-base-auth`
- `sumaya369-production-media`

This report should give you a good overview of your AWS costs and current resource deployment.