

# API Response Structure - SGM Dashboard

## Request Parameters

Parameter	Type	Required	Description	Example
year	Number	Yes	Tahun laporan	2025
month	String	Yes	Bulan ("01"- "12") atau "all-month"	"08", "all-month"
branch	String	Yes	ID cabang atau "all-branch"	"0050", "all-branch"
compare	Boolean	Yes	Flag untuk data perbandingan	true, false

Compare = true (Monthly with comparison data)

```
{
  "labels": {
    "selected": "Agu 2025",
    "selectedYear": 2025,
    "prevYear": "Agu 2024",
    "prevMonth": "Jul 2025"
  },
  "kpis": {
    "totalUnitSales": {
      "selected": 142,
      "prevYear": 140,
      "prevMonth": 135
    },
    "totalSPK": {
      "selected": 355,
      "prevYear": 360,
      "prevMonth": 345
    },
    "totalRevenue": {
      "selected": 1100000000,
      "prevYear": 1250000000,
      "prevMonth": 1220000000
    },
    "totalDO": {
      "selected": 138,
      "prevYear": 133,
      "prevMonth": 132
    },
    "topModel": {
      "selected": { "name": "Tipe A", "value": 94 },
      "prevYear": { "name": "Tipe B", "value": 88 },
      "prevMonth": { "name": "Tipe C", "value": 92 }
    },
    "topBranch": {
      "selected": { "code": "0050", "value": 128 },

```

```

    "prevYear": { "code": "0050", "value": 125 },
    "prevMonth": { "code": "0050", "value": 125 }
  },
  "charts": {
    "lineMonthly": {
      "labels": ["Jan", "Feb", "Mar", "Apr", "Mei", "Jun", "Jul", "Agu", "Sep",
"Okt", "Nov", "Des"],
      "datasets": [
        {
          "label": "Tahun 2025",
          "data": [89, 94, 102, 88, 95, 110, 120, 142, 0, 0, 0, 0],
          "backgroundColor": "rgba(13,110,253,0.20)",
          "borderColor": "#0d6efd",
          "borderWidth": 2
        },
        {
          "label": "Tahun 2024",
          "data": [95, 88, 92, 105, 98, 115, 125, 140, 135, 128, 142, 155],
          "backgroundColor": "rgba(148,163,184,0.20)",
          "borderColor": "#94a3b8",
          "borderWidth": 1
        }
      ]
    },
    "modelDistribution": [
      { "name": "Stargazer", "curr": 102, "prev": 103 },
      { "name": "Creta", "curr": 1, "prev": 50 },
      { "name": "Palisade", "curr": 2, "prev": 52 },
      { "name": "Santa FE", "curr": 5, "prev": 48 },
      { "name": "Ionic 5", "curr": 9, "prev": 40 },
      { "name": "Ionic EV", "curr": 1, "prev": 35 }
    ],
    "branchPerformance": {
      "labels": ["PETTARANI", "PALU", "KENDARI", "GORONTALO", "PALOPO"],
      "data": [120, 85, 95, 70, 80]
    }
  }
}

```

Compare = false (Monthly without comparison data)

```

{
  "labels": {
    "selected": "Agu 2025",
    "selectedYear": 2025,
    "prevYear": null,
    "prevMonth": null
  },
  "kpis": {
    "totalUnitSales": {

```

```

    "selected": 142,
    "prevYear": null,
    "prevMonth": null
  },
  "totalSPK": {
    "selected": 355,
    "prevYear": null,
    "prevMonth": null
  },
  "totalRevenue": {
    "selected": 1100000000,
    "prevYear": null,
    "prevMonth": null
  },
  "totalDO": {
    "selected": 138,
    "prevYear": null,
    "prevMonth": null
  },
  "topModel": {
    "selected": { "name": "Tipe A", "value": 94 },
    "prevYear": null,
    "prevMonth": null
  },
  "topBranch": {
    "selected": { "code": "0050", "value": 128 },
    "prevYear": null,
    "prevMonth": null
  }
},
"charts": {
  "lineMonthly": {
    "labels": ["Jan", "Feb", "Mar", "Apr", "Mei", "Jun", "Jul", "Agu", "Sep",
"Okt", "Nov", "Des"],
    "datasets": [
      {
        "label": "Tahun 2025",
        "data": [89, 94, 102, 88, 95, 110, 120, 142, 0, 0, 0, 0],
        "backgroundColor": "rgba(13,110,253,0.20)",
        "borderColor": "#0d6efd",
        "borderWidth": 2
      }
    ]
  },
  "modelDistribution": [
    { "name": "Stargazer", "curr": 102, "prev": null },
    { "name": "Creta", "curr": 1, "prev": null },
    { "name": "Palisade", "curr": 2, "prev": null },
    { "name": "Santa FE", "curr": 5, "prev": null },
    { "name": "Ionic 5", "curr": 9, "prev": null },
    { "name": "Ionic EV", "curr": 1, "prev": null }
  ],
  "branchPerformance": {
    "labels": ["PETTARANI", "PALU", "KENDARI", "GORONTALO", "PALOPO"],

```

```

    "data": [120, 85, 95, 70, 80]
  }
}

```

Compare = true (Yearly with comparison data)

```

{
  "labels": {
    "selected": "2025",
    "selectedYear": 2025,
    "prevYear": "2024",
    "prevMonth": null
  },
  "kpis": {
    "totalUnitSales": {
      "selected": 990,
      "prevYear": 1465,
      "prevMonth": null
    },
    "totalSPK": {
      "selected": 2475,
      "prevYear": 3750,
      "prevMonth": null
    },
    "totalRevenue": {
      "selected": 8500000000,
      "prevYear": 13150000000,
      "prevMonth": null
    },
    "totalDO": {
      "selected": 980,
      "prevYear": 1450,
      "prevMonth": null
    },
    "topModel": {
      "selected": { "name": "Tipe A", "value": 696 },
      "prevYear": { "name": "Tipe B", "value": 1005 },
      "prevMonth": null
    },
    "topBranch": {
      "selected": { "code": "0050", "value": 950 },
      "prevYear": { "code": "0050", "value": 1372 },
      "prevMonth": null
    }
  },
  "charts": {
    "lineMonthly": {
      "labels": ["Jan", "Feb", "Mar", "Apr", "Mei", "Jun", "Jul", "Agu", "Sep",
"Okt", "Nov", "Des"],
      "datasets": [

```

```

    {
      "label": "Tahun 2025",
      "data": [89, 94, 102, 88, 95, 110, 120, 142, 0, 0, 0, 0],
      "backgroundColor": "rgba(13,110,253,0.20)",
      "borderColor": "#0d6efd",
      "borderWidth": 2
    },
    {
      "label": "Tahun 2024",
      "data": [95, 88, 92, 105, 98, 115, 125, 140, 135, 128, 142, 155],
      "backgroundColor": "rgba(148,163,184,0.20)",
      "borderColor": "#94a3b8",
      "borderWidth": 1
    }
  ]
},
"modelDistribution": [
  { "name": "Stargazer", "curr": 696, "prev": 1005 },
  { "name": "Creta", "curr": 150, "prev": 250 },
  { "name": "Palisade", "curr": 80, "prev": 120 },
  { "name": "Santa FE", "curr": 45, "prev": 65 },
  { "name": "Ionic 5", "curr": 15, "prev": 20 },
  { "name": "Ionic EV", "curr": 4, "prev": 5 }
],
"branchPerformance": {
  "labels": ["PETTARANI", "PALU", "KENDARI", "GORONTALO", "PALOPO"],
  "data": [950, 680, 760, 560, 640]
}
}

```

Compare = false (Yearly without comparison data)

```

{
  "labels": {
    "selected": "2025",
    "selectedYear": 2025,
    "prevYear": null,
    "prevMonth": null
  },
  "kpis": {
    "totalUnitSales": {
      "selected": 990,
      "prevYear": null,
      "prevMonth": null
    },
    "totalSPK": {
      "selected": 2475,
      "prevYear": null,
      "prevMonth": null
    }
  }
}

```

```

    "totalRevenue": {
      "selected": 8500000000,
      "prevYear": null,
      "prevMonth": null
    },
    "totalDO": {
      "selected": 980,
      "prevYear": null,
      "prevMonth": null
    },
    "topModel": {
      "selected": { "name": "Tipe A", "value": 696 },
      "prevYear": null,
      "prevMonth": null
    },
    "topBranch": {
      "selected": { "code": "0050", "value": 950 },
      "prevYear": null,
      "prevMonth": null
    }
  },
  "charts": {
    "lineMonthly": {
      "labels": ["Jan", "Feb", "Mar", "Apr", "Mei", "Jun", "Jul", "Agu", "Sep",
"Okt", "Nov", "Des"],
      "datasets": [
        {
          "label": "Tahun 2025",
          "data": [89, 94, 102, 88, 95, 110, 120, 142, 0, 0, 0, 0],
          "backgroundColor": "rgba(13,110,253,0.20)",
          "borderColor": "#0d6efd",
          "borderWidth": 2
        }
      ]
    },
    "modelDistribution": [
      { "name": "Stargazer", "curr": 696, "prev": null },
      { "name": "Creta", "curr": 150, "prev": null },
      { "name": "Palisade", "curr": 80, "prev": null },
      { "name": "Santa FE", "curr": 45, "prev": null },
      { "name": "Ionic 5", "curr": 15, "prev": null },
      { "name": "Ionic EV", "curr": 4, "prev": null }
    ],
    "branchPerformance": {
      "labels": ["PETTARANI", "PALU", "KENDARI", "GORONTALO", "PALOPO"],
      "data": [950, 680, 760, 560, 640]
    }
  }
}

```

## Field List

## Request Parameters

- **year** (number) - Tahun data
- **month** (string) - Bulan atau "all-month"
- **branch** (string) - ID cabang atau "all-branch"
- **compare** (boolean) - Flag untuk data perbandingan

## Root Level

- **labels** (object) - Label untuk display UI
- **kpis** (object) - Data KPI utama
- **charts** (object) - Data untuk chart visualisasi

## Labels Object

- **selected** (string) - Label tahun yang dipilih
- **selectedYear** (number) - Tahun yang dipilih
- **prevYear** (string|null) - Label tahun tahun sebelumnya
- **prevMonth** (string|null) - Label bulan sebelumnya (null untuk yearly)

## KPIs Object

- **totalUnitSales** (object) - Total unit kendaraan terjual
- **totalSPK** (object) - Total Surat Pesanan Kendaraan
- **totalRevenue** (object) - Total pendapatan (Rupiah)
- **totalDO** (object) - Total Delivery Order
- **topModel** (object) - Model terlaris
- **topBranch** (object) - Cabang terbaik

## Charts Object

- **lineMonthly** (object) - Data line chart penjualan bulanan
- **modelDistribution** (array) - Data distribusi penjualan per model
- **branchPerformance** (object) - Data performa cabang

## Standard KPI Structure (totalUnitSales, totalSPK, totalRevenue, totalDO)

- **selected** (number) - Nilai tahun terpilih
- **prevYear** (number|null) - Nilai tahun sebelumnya
- **prevMonth** (number|null) - Nilai bulan sebelumnya

## Top Model KPI Structure

- **selected** (object) - Data tahun terpilih
  - **name** (string) - Nama model
  - **value** (number) - Jumlah unit
- **prevYear** (object|null) - Data tahun sebelumnya
  - **name** (string) - Nama model
  - **value** (number) - Jumlah unit
- **prevMonth** (object|null) - Data bulan sebelumnya

- **name** (string) - Nama model
- **value** (number) - Jumlah unit

## Top Branch KPI Structure

- **selected** (object) - Data tahun terpilih
  - **code** (string) - Kode cabang
  - **value** (number) - Nilai performa
- **prevYear** (object|null) - Data tahun sebelumnya
  - **code** (string) - Kode cabang
  - **value** (number) - Nilai performa
- **prevMonth** (object|null) - Data bulan sebelumnya
  - **code** (string) - Kode cabang
  - **value** (number) - Nilai performa