

2021

API Documentation-NIC MA API FOR SAGY (Draft 0.2)

NIC MA API FOR SAGY- DRAFT VERSION 0.2
NATIONAL INFORMATICS CENTRE

A-BLOCK CGO COMPLEX | New Delhi - 110003

Document Overview:

The document provides details about consuming API to provide the Mission Antyodaya Survey data for uploaded village lists . The API is published by NIC.

Amendment Log

Document Version	Released on	API Name	Data Source	Published By
Draft Version 0.2	26-Oct-2021	Get GP Average Rank	Mission Antyodaya	NIC
Draft Version 0.2	26-Oct-2021	Get Raw Data Village Wise	Mission Antyodaya	NIC
Draft Version 0.2	26-Oct-2021	Get Gaps Status	Mission Antyodaya	NIC

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Contact Us:

National Informatics Centre

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API Name – Get GP Average Rank

API Overview

This API provides GP average score rank in JSON format

Authentication

This API is unauthenticated

Version

Version	Date	Changes
v1	26-Oct-2021	First Release

URL

End Point
https://secapi.nic.in/nicdsapi/api/sagy/v1/getSagyGpAverageRank
What it does
This API provides GP average score rank

HTTP Method to be used

HTTP Method	Description
POST	Push the gp_code in JSON format.

API Headers

Field Name	Description	Value
Authorization	Bearer access token to authorize the required resource	Bearer <access token generated by auth server>

API Parameters

Field Name	Description	Data Type
N/A	N/A	N/A

API Request Body

Request type (JSON/XML etc.)	Sample Request
JSON	<pre>{ "gp_code": 1, "year": 2020 }</pre>

API Response Format

Response type (JSON/XML etc.)	Sample response
JSON	<pre>{ "message": "string", "response": { }, "status": true, "timeStamp": "string" }</pre>

API Header Response Format

Response type (JSON/XML etc.)	Sample response
JSON	<pre>{ "status": true, "message": "Success", "response": [{ "gp_rank": 46 }], "timeStamp": "06052021131629" }</pre>

API Name – Get Raw Data Village Wise

API Overview

This API provides raw data village wise

Authentication

This API is authenticated

Version

Version	Date	Changes
v1	26-Oct-2021	First Release

URL

End Point
https://secapi.nic.in/nicdsapi/api/sagy/v1/getSagyRawDataVillageWise
What it does
It provides raw data village wise

HTTP Method to be used

HTTP Method	Description
POST	Push the gp_code in JSON format.

API Headers

Field Name	Description	Value
Authorization	Bearer token to authorize the required resource	Bearer <access token generated by auth server>

API Parameters

Field Name	Description	Data Type
N/A	N/A	N/A

API Request Body

Request type (JSON/XML etc.)	Sample Request
JSON	<pre>{ "gp_code": 1, "year": 2020 }</pre>

API Response Format

Response type (JSON/XML etc.)	Sample response
JSON	<pre>{ "status": true, "message": "Success", "response": [{ "state_code": 2, "state_name": "HIMACHAL PRADESH", "district_code": 15, "district_name": "BILASPUR", "sub_district_code": 156, }] }</pre>

	<pre> "sub_district_name": "Bilaspur Sadar", "block_code": 135, "block_name": "BILASPUR SADAR", "gp_code": 7536, "gp_name": "DEOLI", "village_code": 19715, "village_name": "Deoli (108)", "total_population": 1741, "male_population": 901, "female_population": 840, "total_hhd": 395, "total_hhd_engaged_in_farm_activities": 0, "total_hhd_engaged_in_non_farm_activities": 0, "is_govt_seed_centre_available": 2, "distance_of_govt_seed_centre": 4, "availability_of_watershed_dev_project": 2, "availability_of_rain_harvest_system": 2, "availability_of_fpos_pacs": 3, "availability_of_food_storage_warehouse": 2, "distance_of_food_storage_warehouse": 4, "availability_of_farm_gate_processing": 1, "availability_of_custom_hiring_centre_agri_equipment": 2, "total_cultivable_area_in_hac": 348, "net_sown_area_in_hac": 111, "net_sown_area_kharif_in_hac": 111, "net_sown_area_rabi_in_hac": 73, "net_sown_area_other_in_hac": 38, "is_soil_testing_centre_available": 2, "distance_of_soil_testing_centre": 5, "is_fertilizer_shop_available": 2, "distance_of_fertilizer_shop": 4, "availability_of_major_source_of_irrigation": 1, "no_of_farmers_using_drip_sprinkler": 70, "area_irrigated_in_hac": 2.47, "total_unirrigated_land_area_in_hac": 73, "availability_of_livestock_extension_services": 3, "availability_of_milk_routes": 2, "availability_of_poultry_dev_project": 2, "availability_of_goatary_dev_project": 2, "availability_of_pigery_development": 2, "is_veterinary_hospital_available": 2, "distance_of_veterinary_hospital": 1, "availability_of_fish_community_ponds": 1, "availability_of_fish_farming": 1, "availability_of_aquaculture_ext_facility": 1, "distance_of_aquaculture_ext_facility": 0, "total_hhd_with_kuccha_wall_kuccha_roof": 0, </pre>
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	<pre> "total_hhd_have_got_pmay_house": 0, "total_hhd_in_pmay_permanent_wait_list": 8, "total_hhd_got_benefit_under_state_housing_scheme": 2, "total_hhd_in_perm_waitlist_under_state_housing_scheme": 8, "availability_of_piped_tap_water": 2, "distance_of_piped_tap_water": 0, "is_village_connected_to_all_weather_road": 1, "distance_of_all_weather_road": 0, "availability_of_internal_pucca_road": 3, "availability_of_public_transport": 4, "distance_of_public_transport": 4, "availability_of_railway_station": 2, "distance_of_railway_station": 6, "availablility_hours_of_domestic_electricity": 4, "total_hhd_having_pmsbhgy_benefit": 10, "availability_of_elect_supply_to_msme": 1, "availability_of_solor_wind_energy": 2, "total_hhd_having_solor_wind_energy": null, "availability_of_panchayat_bhawan": 1, "availability_of_csc_in_village": 3, "availability_of_public_information_board": 2, "is_common_pastures_available": 2, "total_hhd_availling_pmuy_benefits": 355, "availability_of_public_library": 2, "distance_of_public_library": 4, "availability_of_recreational_centre": 3, "is_bank_available": 1, "distance_of_banks": 0, "is_bank_buss_correspondent_with_internet": 1, "is_atm_available": 2, "distance_of_atm": 2, "total_hhd_availling_pmjdy_bank_ac": 230, "is_post_office_available": 1, "distance_of_post_office": 0, "availability_of_telephone_services": 3, "is_broadband_available": 1, "is_pds_available": 1, "distance_of_pds_office": 0, "total_hhd_having_bpl_cards": 96, "availability_of_primary_school": 1, "is_primary_school_with_electricity": 1, "primary_school_toilet": 3, "is_primary_school_with_computer_lab": 1, "is_primary_school_with_playground": 1, "is_primary_school_have_drinking_water": 1, "availability_of_mid_day_meal_scheme": 1, "total_primary_school_students": 33, </pre>
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	<p> "total_primary_school_teachers": 2, "distance_of_primary_school": 0, "availability_of_middle_school": 1, "distance_of_middle_school": 0, "availability_of_high_school": 1, "distance_of_high_school": 0, "availability_of_ssc_school": 1, "distance_of_ssc_school": 0, "no_of_children_not_attending_school": 0, "availability_of_govt_degree_college": 2, "distance_of_degree_college": 6, "total_grd_and_pg_in_village": 45, "is_vocational_edu_centre_available": 2, "distance_of_vocational_edu_centre": 5, "total_trained_trainee_under_skill_devp_program": 12, "availability_of_market": 4, "distance_of_market": 2, "availability_of_phc_chc": 3, "distance_of_phc_chc": 0, "availability_of_jan_aushadhi_kendra": 2, "total_hhd_registered_under_pmjay": 300, "distance_of_nearest_empaneled_hospital": 4, "availability_of_drainage_system": 1, "is_community_waste_disposal_system": 1, "total_hhd_with_clean_energy": 350, "is_community_biogas_waste_recycle_for_production": 2, "is_aanganwadi_centre_available": 1, "distance_of_aanganwadi_centre": 0, "is_early_childhood_edu_provided_in_aanganwadi": 1, "total_childs_aged_0_to_3_years": 68, "total_childs_aged_0_to_3_years_reg_under_aanganwadi": 68, "total_childs_aged_3_to_6_years_reg_under_aanganwadi": 68, "total_childs_aged_0_to_3_years_immunized": 68, "total_childs_categorized_non_stunted_as_per_icds": 68, "total_anemic_pregnant_women": 2, "total_anemic_adolescent_girls": 0, "total_underweight_child_age_under_6_years": 68, "total_male_child_age_bw_0_6": 68, "total_female_child_age_bw_0_6": 68, "total_minority_children_getting_scholarship": 25, "total_minority_hh_provided_bank_loan": 22, "no_of_physically_challenged_recvd_implants": 250, "total_hhd_with_more_than_2_childs": 55, "availability_of_mother_child_health_facilities": 2, "distance_of_mother_child_health_facilities": 5, "total_hhd_availing_pension_under_nsap": 68, "total_shg": 8, </p>
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	<pre> "total_hhd_mobilized_into_shg": 80, "total_no_of_shg_promoted": 8, "total_hhd_mobilized_into_pg": 80, "total_shg_accessed_bank_loans": 3, "is_bee_farming": 2, "is_sericulture": 2, "is_handloom": 2, "is_handicrafts": 2, "availability_of_community_forest": 2, "availability_of_minor_forest_production": 1, "total_hhd_source_of_minor_forest_production": 55, "availability_of_cottage_small_scale_units": 2, "total_hhd_engaged_cottage_small_scale_units": null, "availability_of_adult_edu_centre": 2, "distance_of_adult_edu_centre": 5, "total_no_of_registered_children_in_anganwadi": 68, "total_no_of_children_0_to_6_years_immunized_under_icds": 68, "total_no_of_pregnant_women": 6, "total_no_of_pregnant_women_receiving_services_under_icds": 6, "total_no_of_lactating_mothers": 0, "total_no_of_lactating_mothers_receiving_services_under_icds": 0, "total_no_of_women_delivered_babies_at_hospitals_registered_asha": 2, "total_no_of_children_in_icds_cas": 2, "total_no_of_young_anemic_children_6_59_months_in_icds_cas": 2, "total_no_of_newly_born_children": 2, "total_no_of_newly_born_underweight_children": 0, "total_hhd_not_having_sanitary_latrines": 395, "total_no_of_eligible_beneficiaries_under_pmmvy": 0, "total_no_of_beneficiaries_receiving_benefits_under_pmmvy": 0, "gp_total_no_of_eligible_beneficiaries_under_pmjay": 55, "gp_total_no_of_beneficiaries_receiving_benefits_under_pmjay": 20, "gp_total_hhd_eligible_under_nfsa": 259, "gp_total_hhd_receiving_food_grains_from_fps": 0, "total_no_of_farmers_registered_under_pmkpy": 205, "total_no_of_farmers_subscribed_aged_18_40_under_pmkpy": 85, "total_no_of_farmers": 300, "total_no_of_farmers_received_benefit_under_pmfby": 155, "total_no_farmers_adopted_organic_farming": 25, "total_no_of_farmers_add_fert_in_soil_as_per_report": 300, "total_no_of_elected_representatives": 6, "total_no_of_elect_rep_oriented_under_rgsa": 6, "total_no_of_elect_rep_undergone_training_under_rgsa": 0, "total_approved_labour_budget_for_year": 500000, "total_expenditure_approved_under_nrm_labour_budget_during_yr": 200000, "total_area_covered_under_irrigation_using_drip_sprinkler": 1, "total_hhd_having_piped_water_connection": 350 </pre>
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	<pre> }], "timeStamp": "06052021131629" } </pre>
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API Name - Get Gaps Status

API Overview

This API provides gaps status in JSON format

Authentication

This API is authenticated

End Point
https://secapi.nic.in/nicdsapi/api/sagy/v1/getSagyGapsStatus
What it does
It provides the gaps status in JSON

HTTP Method to be used

HTTP Method	Description
POST	Push the gp_code in JSON format.

API Headers

Field Name	Description	Value
Authorization	Basic authorization header	Bearer <access token generated by auth server>

API Parameters

Field Name	Description	Value
N/A	N/A	N/A

API Request Body

Request type (JSON/XML etc.)	Sample Request

JSON	<pre>{ "gp_code": 1, "year":2020 }</pre>
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API Response Format

Response type (JSON/XML etc.)	Sample response
JSON	<pre>{ "status": true, "message": "Success", "response": [{ "state_code": 2, "state_name": "HIMACHAL PRADESH", "district_code": 15, "district_name": "BILASPUR", "block_code": 135, "block_name": "BILASPUR SADAR", "gp_code": 7536, "gp_name": "DEOLI", "adult_edu_centre": "critical", "hhd_exc_eng_in_non_farm": "critical", "govt_seed_centre_available": "critical", "watershed_dev_project": "critical", "rain_harvest_system": "critical", "fpos_pacs": "moderate", "food_storage_warehouse": "moderate", "farm_gate_processing": "strength", "custom_hiring_centre_agri_equipment": "critical", "farmers_registered_under_pmkpy": "critical", "farmers_received_benefit_under_pmfby": "moderate", "farmers_adopted_organic_farming": "critical", "livestock_extension_services": "critical", "milk_routes": "critical", "poultry_dev_project": "critical", "goatry_dev_project": "critical", "pigery_dev_project": "critical", "veterinary_hospital": "moderate", "recreational_centre": "strength", "piped_tap_water": "moderate", }] }</pre>

	<pre> "primary_school": "critical", "middle_school": "strength", "high_school": "moderate", "ssc_school": "moderate", "govt_degree_college": "moderate", "total_hhd_with_more_than_2_childs": "strength", "mother_child_health_facilities": "critical", "fish_farming": "strength", "fish_community_ponds": "moderate", "aquaculture_ext_facility": "strength", "common_pastures_available": "critical", "no_of_elect_rep_undergone_training_under_rgsa": "critical", "availability_of_phc_chc": "moderate", "jan_aushadhi_kendra": "critical", "availability_of_drainage_system": "critical", "community_waste_disposal_system": "moderate", "total_hhd_with_clean_energy": "strength", "community_biogas_waste_recycle_for_production": "critical", "village_odf": "strength", "total_hhd_not_having_sanitary_latrines": "critical", "total_no_of_beneficiaries_receiving_benefits_under_pmjay": "critical", "bank_available": "strength", "bank_buss_correspondent_with_internet": "strength", "atm_available": "moderate", "post_office_available": "strength", "telephone_services": "strength", "broadband_available": "strength", "bee_farming": "critical", "sericulture": "critical", "handloom": "critical", "handicrafts": "critical", "soil_testing_centre": "critical", "fertilizer_shop": "moderate", "major_source_of_irrigation": "strength", "drip_sprinkler": "moderate", "irrigated_area": "critical", "farmers_soil_report": "strength", "irrigated_area_using_drip_sprinkler": "moderate", "public_library": "critical", "panchayat_bhawan": "strength", "csc": "critical", "public_information_board": "strength", "availability_of_market": "critical", "minor_forest_production": "strength", "solor_wind_energy": "critical", "pds_available": "strength", "total_hhd_receiving_food_grains_from_fps": "critical", </pre>
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	<pre> "total_shg": "strength", "total_hhd_mobilized_into_shg": "critical", "total_no_of_shg_promoted": "strength", "total_hhd_mobilized_into_pg": "moderate", "total_shg_accessed_bank_loans": "critical", "connected_to_all_weather_road": "critical", "internal_pucca_road": "critical", "public_transport": "critical", "railway_station": "critical", "domestic_electricity": "strength", "total_hhd_with_kuccha_wall_kuccha_roof": "strength", "cottage_small_scale_units": "critical", "community_forest": "strength", "vocational_edu_centre": "critical", "aanganwadi_centre": "strength", "early_childhood_edu_provided_in_aanganwadi": "strength", "total_childs_aged_0_to_3_years_reg_under_aanganwadi": "strength", "total_childs_aged_0_to_3_years_immunized": "strength", "total_childs_categorized_non_stunted_as_per_icds": "strength", "total_anemic_pregnant_women": "critical", "total_underweight_child_age_under_6_years": "critical", "total_no_of_children_0_to_6_years_immunized_under_icds": "critical", "total_no_of_pregnant_women_receiving_services_under_icds": "strength", "no_of_lactating_mothers_receiving_services_under_icds": "strength", "total_no_of_children_in_icds_cas": "critical", "total_no_of_young_anemic_children_6_59_months_in_icds_cas": "critical", "total_no_of_newly_born_underweight_children": "strength", "total_no_of_beneficiaries_receiving_benefits_under_pmmvy": "strength" }], "timeStamp": "06052021131629" } </pre>
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[Contact Us](#)

For Technical Clarification

Email: nictech-ma@nic.in

Note :

- **The bearer token will be generated using Grant Access Token Portal. The User will need to sign up with a valid email id.**
- **The password and access token will be generated on successful approval by the administrator and will be shared separately on the email.**